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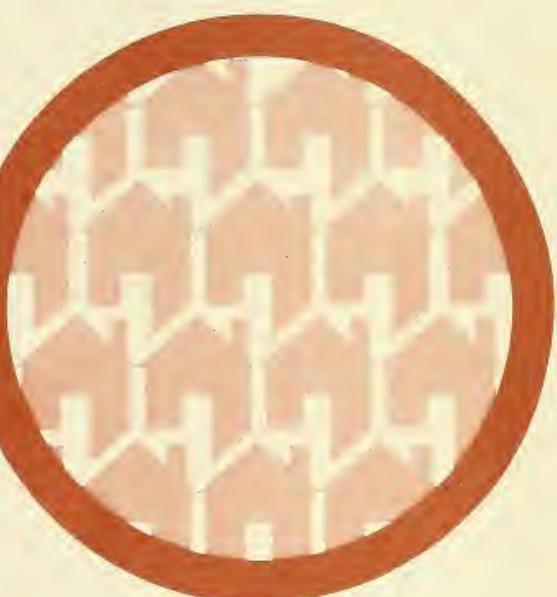
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# Metropolitan Housing Characteristics

## REDDING, CALIF.

STANDARD METROPOLITAN STATISTICAL AREA

# 1980



## Census of Housing

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# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**REDDING, CALIF.**

HC80-2-299

Issued November 1983



**U.S. Department of Commerce**  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

HOUSING DIVISION  
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## List of HC80-2, Metropolitan Housing Characteristics, Reports

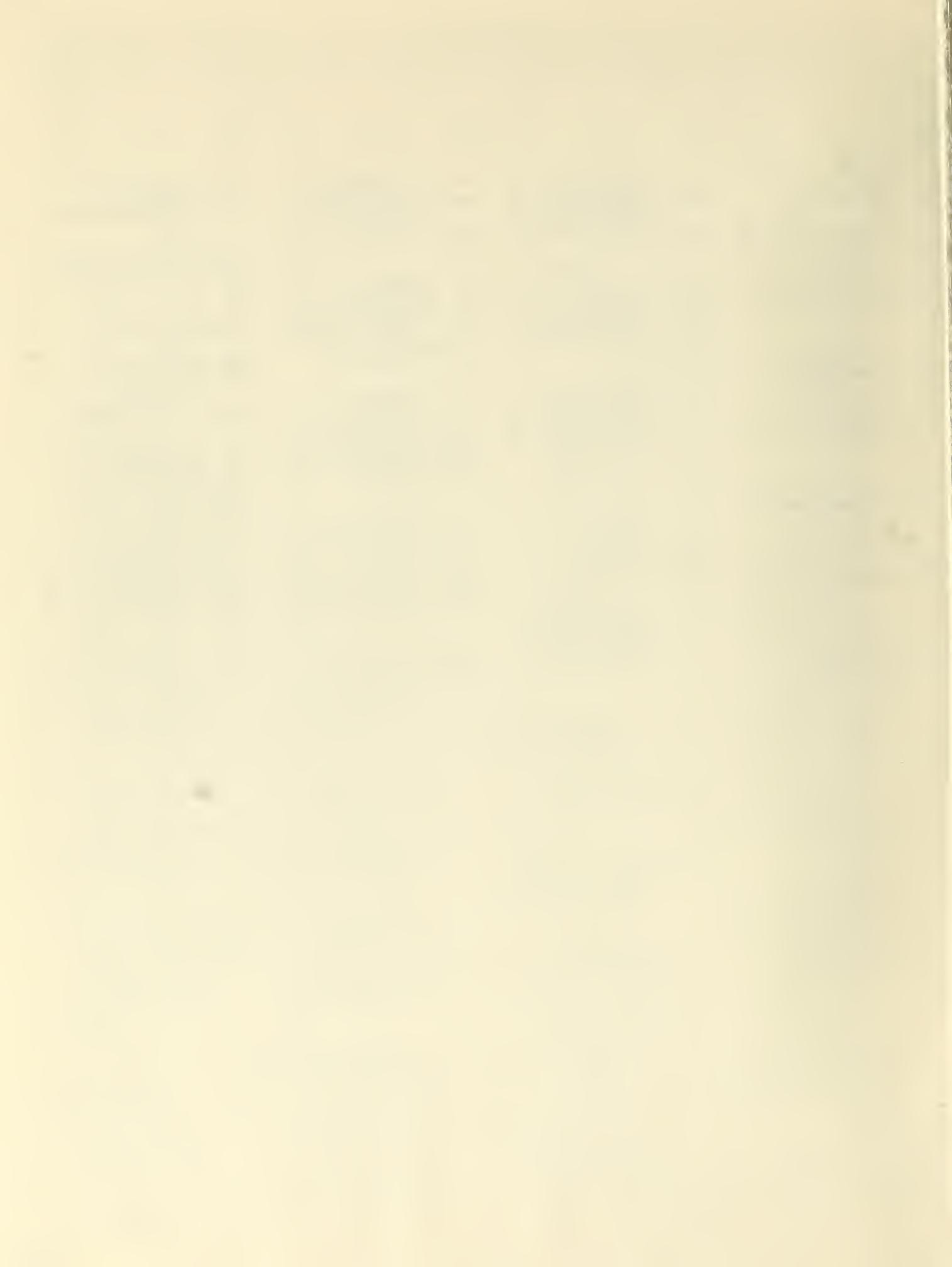
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10	Not assigned	50	West Virginia	86	Bay City, Mich.	120	Chico, Calif.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	121	Cincinnati, Ohio-Ky.-Ind.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	122	Clarksville-Hopkinsville, Tenn.-Ky.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	123	Cleveland, Ohio
14	Idaho	54	Not assigned	90	Billings, Mont.	124	Colorado Springs, Colo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	125	Columbia, Mo.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	126	Columbia, S.C.
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157	Florence, Ala.	197	Joplin, Mo.	238	Melbourne-Titusville-Cocoa, Fla.	274	Owensboro, Ky.
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159	Fort Collins, Colo.	199	Kankakee, Ill.	239	Memphis, Tenn.-Ark.-Miss.	276	Panama City, Fla.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	241	Miami, Fla.	278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.	242	Midland, Tex.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	243	Milwaukee, Wis.	280	Pensacola, Fla.
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174	Greeley, Colo.	215	Lawrence, Kans.	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
175	Green Bay, Wis.	216	Lawrence-Haverhill, Mass.-N.H.	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
		217	Lawton, Okla.	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
176	Greensboro-Winston-Salem-High Point, N.C.	218	Lewiston-Auburn, Maine	259	New Orleans, La.	296	Racine, Wis.
177	Greenville-Spartanburg, S.C.	219	Lexington-Fayette, Ky.	260	New York, N.Y.-N.J.	297	Raleigh-Durham, N.C.
178	Hagerstown, Md.	220	Lima, Ohio			298	Reading, Pa.
179	Hamilton-Middletown, Ohio	221	Lincoln, Nebr.	261	Newark, N.J.	299	Redding, Calif.
180	Harrisburg, Pa.	222	Little Rock-North Little Rock, Ark.	262	Newark, Ohio	300	Reno, Nev.
		223	Long Branch-Asbury Park, N.J.	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick-Pasco, Wash.
181	Hartford, Conn.	224	Longview-Marshall, Tex.	264	Newport News-Hampton, Va.	302	Richmond, Va.
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306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
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## Introduction

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## GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

## CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., "—").

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$10,000," it is shown as "\$10,000—." When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "\$150,000 or more," it is shown as "\$150,000+."

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "—" represents zero or a percent which rounds to less than 0.1.
- Three dots "... " mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

# 1980

**Census of  
Housing**

## Metropolitan Housing Characteristics **REDDING, CALIF.**

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-299

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities . . . . .	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

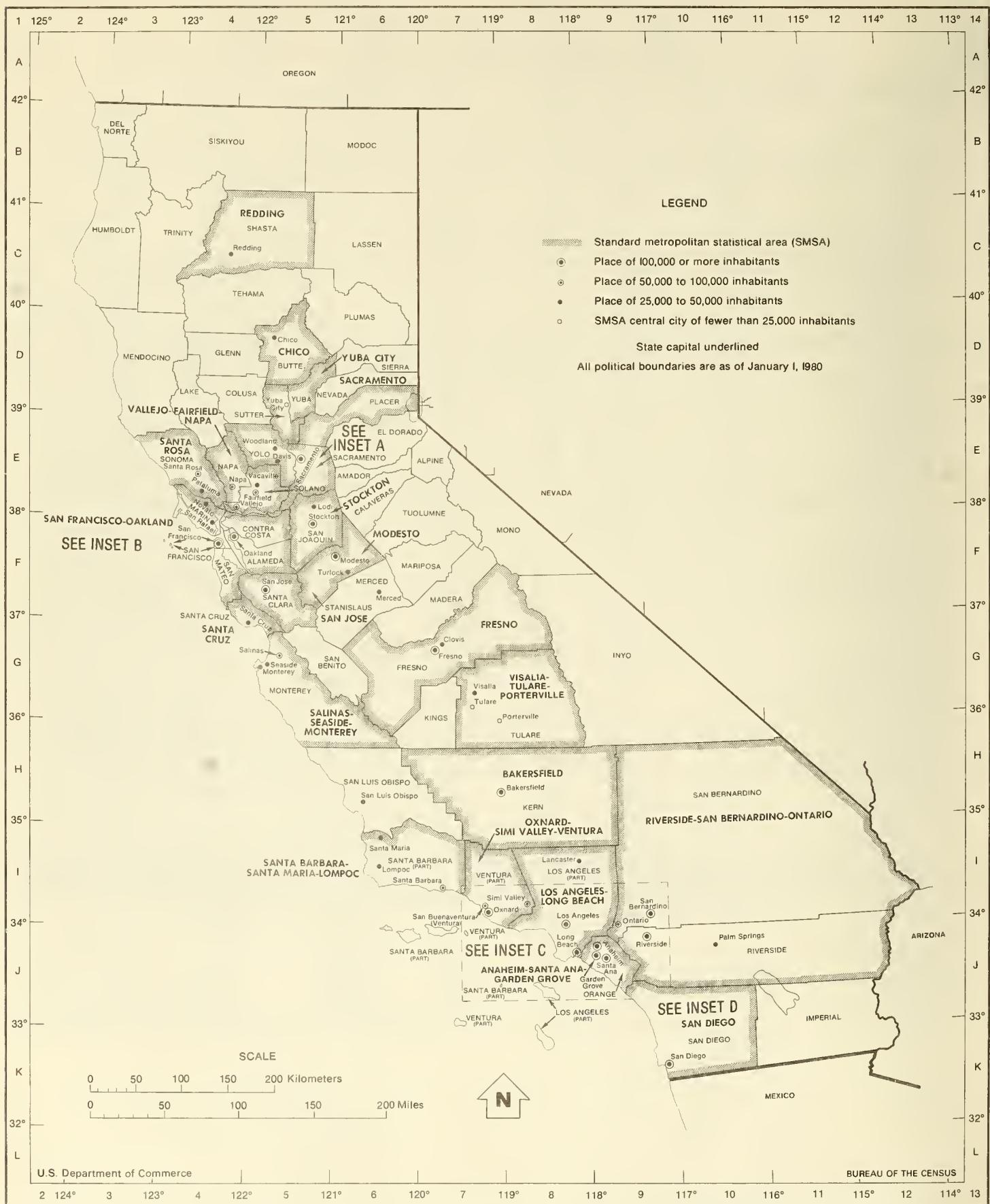
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value . . . . .	—	—	9	—	—	—	—
Price asked . . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked . . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

# Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

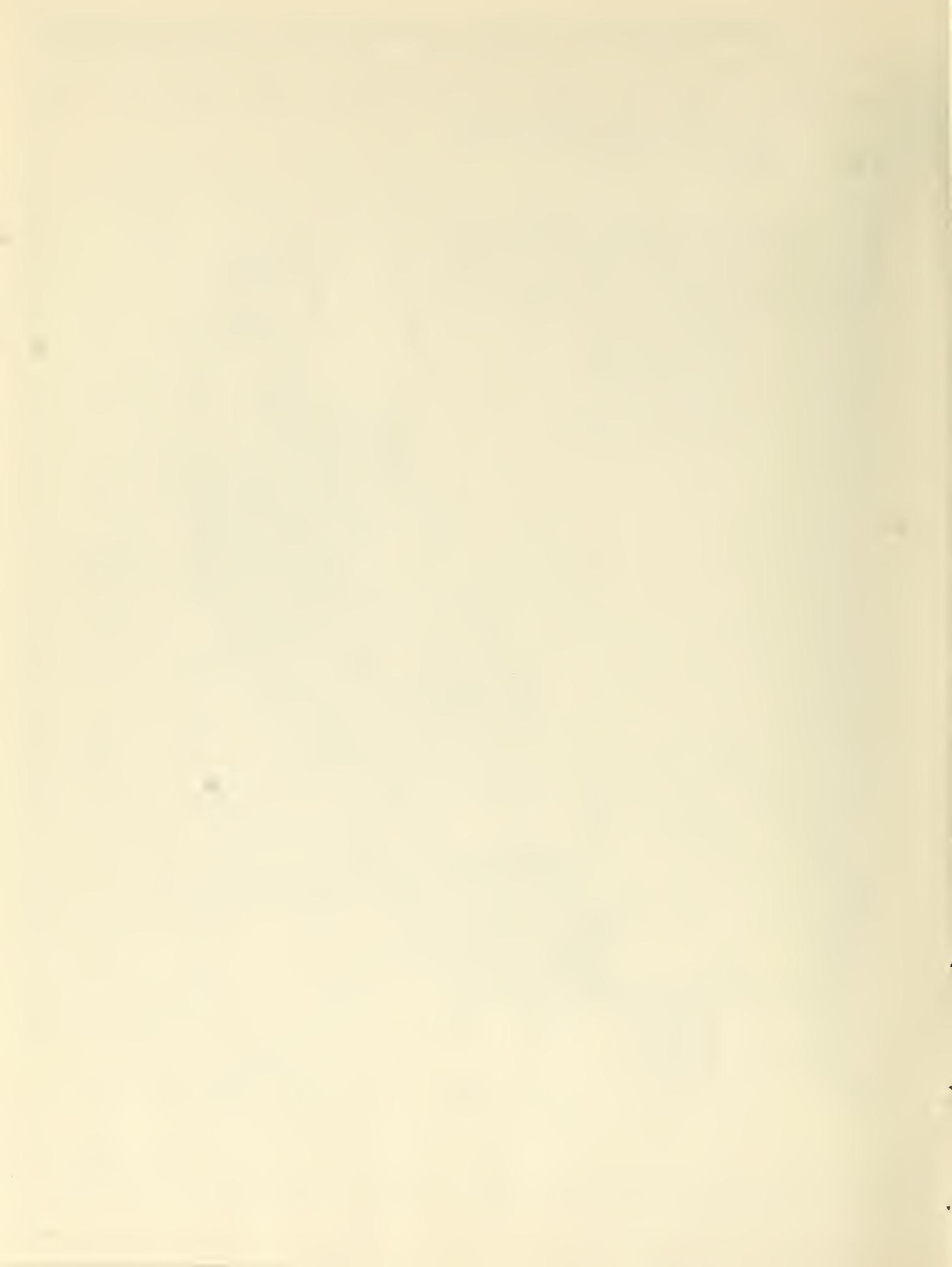


Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>													
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	19 056	215	483	1 124	1 756	3 019	3 161	4 833	2 449	1 566	450	59 100	64 900
15 to 24 years	14 657	96	307	716	1 118	2 184	2 382	3 991	2 024	1 448	391	62 100	68 200
25 to 34 years	289	—	—	8	65	64	42	83	27	—	—	52 900	53 900
35 to 44 years	3 065	10	7	40	168	513	638	989	383	263	54	61 900	68 300
45 to 64 years	3 353	25	24	84	173	334	455	998	574	513	173	71 200	79 200
65 years and over	5 554	40	117	241	390	845	867	1 502	838	567	147	63 500	69 000
Male householder, no wife present	2 396	21	159	343	322	428	380	419	202	105	17	48 400	52 600
15 to 24 years	1 525	40	75	150	186	267	245	328	146	45	43	51 300	56 800
25 to 34 years	73	8	—	—	6	14	6	30	—	9	—	60 900	58 000
35 to 44 years	491	—	6	31	43	109	129	106	55	12	—	53 400	57 700
45 to 64 years	221	—	5	—	25	39	43	72	16	15	6	59 600	65 700
65 years and over	355	5	—	44	34	44	32	90	69	9	28	62 700	69 800
Female householder, no husband present	2 874	79	101	258	452	568	534	514	279	73	16	49 600	52 500
15 to 24 years	65	—	—	5	15	19	12	14	—	—	—	43 300	48 200
25 to 34 years	357	—	—	18	29	68	82	105	55	—	—	56 600	58 900
35 to 44 years	473	—	10	46	52	92	78	111	63	21	—	53 800	57 300
45 to 64 years	852	36	4	46	99	190	153	158	122	38	6	52 500	57 900
65 years and over	1 127	43	87	143	257	199	209	126	39	14	10	41 700	44 500
Median age	48.7	59.6	69.8	65.0	57.0	51.3	47.0	44.1	45.9	43.9	44.6	... ...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	3 400	—	27	53	242	396	576	947	617	443	99	67 800	74 400
1975 to 1978	5 927	24	28	194	352	849	1 013	1 705	983	581	198	65 200	72 000
1970 to 1974	3 241	67	85	243	295	488	526	834	384	234	85	58 000	63 700
1960 to 1969	3 707	79	135	316	463	611	577	917	328	237	44	53 500	57 700
1959 or earlier	2 781	45	208	318	404	675	469	430	137	71	24	46 400	49 100
<b>ROOMS</b>													
1 to 3 rooms	538	57	44	91	118	68	42	84	34	—	—	37 300	39 500
4 rooms	2 702	83	205	497	570	524	330	369	72	52	—	39 900	42 900
5 rooms	6 261	49	180	368	608	1 331	1 487	1 539	451	201	47	53 000	56 300
6 rooms	5 443	17	47	139	381	842	928	1 832	788	411	58	63 900	66 900
7 rooms	2 761	—	7	29	44	213	316	729	793	483	147	80 800	85 800
8 or more rooms	1 351	9	—	—	35	41	58	280	311	419	198	96 400	108 500
Median	5.5	4.1	4.5	4.4	4.8	5.2	5.3	5.7	6.3	6.7	7.3	...	...
<b>BEDROOMS</b>													
None	25	—	9	—	—	8	7	1	—	—	—	57 200	46 100
1	574	51	50	124	140	57	29	56	62	5	—	34 600	40 100
2	4 763	113	280	637	917	1 011	629	708	286	165	17	44 400	48 100
3	11 464	42	144	323	641	1 777	2 246	3 494	1 585	962	250	62 600	68 200
4	1 923	9	—	40	52	144	224	473	477	380	124	80 800	88 200
5 or more	307	—	—	—	6	30	25	95	38	54	59	79 700	105 500
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	4 991	10	—	49	203	472	679	1 478	1 111	745	244	75 100	81 500
1970 to 1974	2 015	14	12	61	85	248	302	563	399	282	49	69 200	74 700
1960 to 1969	4 779	16	29	174	335	685	935	1 603	569	342	91	62 000	67 000
1950 to 1959	4 095	40	162	338	544	1 014	842	755	227	137	36	49 500	52 900
1940 to 1949	1 825	76	133	268	405	378	187	264	65	38	11	40 900	44 700
1939 or earlier	1 351	59	147	234	184	222	216	170	78	22	19	41 700	45 400
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	1 408	77	130	174	308	204	157	202	100	24	32	40 700	48 300
\$5,000 to \$9,999	2 753	48	169	416	433	617	409	382	184	83	12	45 200	48 700
\$10,000 to \$12,499	1 561	5	63	153	247	329	232	291	166	64	11	49 600	55 100
\$12,500 to \$14,999	1 364	19	26	48	127	233	325	420	126	40	—	55 200	58 000
\$15,000 to \$19,999	2 708	37	32	141	226	528	533	704	304	155	48	56 500	62 200
\$20,000 to \$24,999	2 921	23	17	87	225	438	645	824	388	229	45	60 400	65 700
\$25,000 to \$34,999	3 511	6	37	81	136	494	598	1 151	575	355	78	65 700	71 000
\$35,000 to \$49,999	1 808	—	9	14	38	159	208	586	424	286	84	76 500	83 600
\$50,000 or more	1 022	—	—	10	16	17	54	273	182	330	140	95 400	106 200
Median	\$19 486	\$7 917	\$7 248	\$9 557	\$11 387	\$15 906	\$19 263	\$22 545	\$24 250	\$30 320	\$34 851	...	...
Mean	\$22 236	\$10 546	\$10 191	\$12 190	\$13 707	\$17 467	\$19 830	\$24 494	\$27 826	\$35 859	\$45 939	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	13 321	53	108	503	962	2 064	2 374	3 770	1 889	1 243	355	62 500	69 100
Less than 15 percent	4 181	42	40	82	254	651	749	1 303	503	462	95	63 100	69 700
15 to 19 percent	2 251	—	11	131	185	341	371	660	294	200	38	62 000	68 100
20 to 24 percent	2 112	—	8	32	181	386	408	562	346	140	49	61 500	68 000
25 to 29 percent	1 436	7	26	94	83	163	281	424	199	137	22	61 600	66 500
30 to 34 percent	843	—	6	35	99	170	123	209	103	87	11	58 400	64 700
35 percent or more	2 402	4	17	121	160	334	428	596	432	197	113	65 100	72 600
Not computed	96	—	—	8	—	19	14	16	12	20	7	75 500	79 200
Median	20.4	10—	21.9	25.1	21.2	20.4	20.7	19.3	22.0	18.7	22.1	...	...
Not mortgaged	5 735	162	375	621	794	955	787	1 063	560	323	95	49 600	55 200
Less than 10 percent	3 109	81	161	345	330	551	471	609	318	187	56	51 300	56 900
10 to 14 percent	1 037	33	86	98	151	189	147	148	106	72	7	48 100	53 400
15 to 19 percent	609	14	49	110	108	74	73	132	21	28	—	43 000	47 400
20 to 24 percent	378	14	29	39	102	38	38	64	15	30	9	41 700	53 100
25 to 29 percent	190	16	23	7	30	40	22	29	23	—	—	46 900	46 300
30 to 34 percent	133	—	18	13	44	10	—	14	28	6	—	38 400	51 100
35 percent or more	238	4	9	9	17	53	36	61	49	—	—	56 800	58 600
Not computed	41	—	—	—	—	—	—	6	—	—	23	162 500	143 700
Median	10—	10.0	11.5	10—	12.0	10—	10—	10—	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	19 028	215	483	1 124	1 756	3 019	3 153	4 826	2 436	1 566	450	59 000	64 900
1.01 or more persons per room	395	17	14	19	64	69	91	91	8	22	—	51 200	52 600
Locking complete plumbing for exclusive use	28	—	—	—	—	—	8	7	13	—	—	64 300	71 500
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	19 031	215	483	1 124	1 756	3 010	3 145	4 833	2 449	1 566	450	59 100	64 900
Central heating system	11 586	90	234	453	832	1 656	1 971	3 070	1 826	1 107	347	62 900	69 500
Air conditioning	12 236	60	219	486	873	1 563	1 814	3 437	2 057	1 306	421	65 500	71 800
Central system	9 237	5	49	157	370	854	1 304	2 921	1 944	1 222	411	72 500	79 300

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

## The SMSA

## Specified renter-occupied housing units

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b>	<b>5 434</b>	<b>123</b>	<b>266</b>	<b>720</b>	<b>1 068</b>	<b>1 048</b>	<b>726</b>	<b>548</b>	<b>445</b>	<b>222</b>	<b>268</b>	<b>27 i</b>
15 to 24 years	885	18	21	136	259	222	129	81	15	—	4	251
25 to 34 years	2 099	34	83	211	467	518	223	228	193	74	68	273
35 to 44 years	980	—	27	114	119	138	170	117	154	81	60	318
45 to 64 years	1 026	14	58	176	134	153	168	99	83	56	85	278
65 years and over	444	57	77	83	89	17	36	23	—	11	51	184
<b>Male householder, no wife present</b>	<b>3 043</b>	<b>229</b>	<b>321</b>	<b>618</b>	<b>762</b>	<b>590</b>	<b>205</b>	<b>103</b>	<b>83</b>	<b>16</b>	<b>116</b>	<b>216</b>
15 to 24 years	896	13	86	184	287	168	65	33	20	—	40	221
25 to 34 years	952	23	79	174	230	256	76	45	37	16	16	240
35 to 44 years	420	30	19	80	87	108	25	25	26	—	20	240
45 to 64 years	422	56	41	85	131	51	39	—	—	—	19	205
65 years and over	353	107	96	95	27	7	—	—	—	—	21	134
<b>Female householder, no husband present</b>	<b>4 952</b>	<b>317</b>	<b>493</b>	<b>933</b>	<b>1 199</b>	<b>1 097</b>	<b>364</b>	<b>190</b>	<b>173</b>	<b>12</b>	<b>174</b>	<b>227</b>
15 to 24 years	1 250	7	63	184	470	326	94	54	20	5	27	238
25 to 34 years	1 209	19	46	224	299	318	156	72	64	—	11	252
35 to 44 years	636	4	41	104	115	199	70	42	47	7	7	264
45 to 64 years	772	67	132	160	166	160	31	13	12	—	31	204
65 years and over	1 085	220	211	261	149	94	13	9	30	—	98	155
<b>Median age</b>	<b>33.4</b>	<b>67.3</b>	<b>51.6</b>	<b>35.9</b>	<b>28.7</b>	<b>30.1</b>	<b>32.8</b>	<b>32.3</b>	<b>35.1</b>	<b>38.3</b>	<b>52.7</b>	<b>...</b>
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	7 674	188	353	1 154	1 779	1 882	857	577	530	205	149	258
1975 to 1978	4 256	262	487	785	1 046	712	343	216	152	36	217	223
1970 to 1974	778	126	141	170	136	69	52	22	7	9	46	178
1960 to 1969	550	75	82	156	52	54	37	8	—	—	86	166
1959 or earlier	171	18	17	6	16	18	6	18	12	—	60	245
<b>ROOMS</b>												
1 room	402	49	121	118	79	12	10	5	—	—	8	157
2 rooms	1 025	57	169	379	333	42	5	—	11	—	29	184
3 rooms	2 958	300	341	774	953	332	93	26	7	4	128	200
4 rooms	5 235	195	302	712	1 213	1 735	587	212	91	13	175	253
5 rooms	2 320	61	91	147	320	466	444	358	301	50	82	304
6 rooms	1 066	7	43	78	115	98	143	175	205	111	91	351
7 or more rooms	423	—	13	63	16	50	13	65	86	72	45	376
<b>Median</b>	<b>3.9</b>	<b>3.3</b>	<b>3.2</b>	<b>3.3</b>	<b>3.6</b>	<b>4.1</b>	<b>4.4</b>	<b>5.0</b>	<b>5.3</b>	<b>6.0</b>	<b>4.2</b>	<b>...</b>
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979	13 429	669	1 080	2 271	3 029	2 735	1 295	841	701	250	558	240
Complete plumbing for exclusive use	13 339	640	1 069	2 262	3 024	2 727	1 295	841	701	250	530	240
0.50 or less	7 061	498	724	1 323	1 564	1 492	489	325	195	111	340	225
0.51 to 1.00	5 471	129	312	742	1 234	1 154	723	440	440	139	158	261
1.01 to 1.50	603	—	10	157	144	75	68	67	66	—	16	245
1.51 or more	204	13	23	40	82	6	15	9	—	—	16	210
Locking complete plumbing for exclusive use	90	29	11	9	5	8	—	—	—	—	28	112
0.50 or less	28	5	11	—	—	8	—	—	—	—	4	116
0.51 to 1.00	54	24	—	9	5	—	—	—	—	—	16	97
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	8	—	—	—	—	—	—	—	—	—	8	—
Income in 1979 below poverty level	2 626	174	192	476	696	404	226	146	127	22	163	227
Complete plumbing for exclusive use	2 574	164	192	467	691	396	226	146	127	22	143	228
1 or more persons per room	297	13	7	111	86	13	13	18	20	—	16	205
Locking complete plumbing for exclusive use	52	10	—	9	5	8	—	—	—	—	20	167
1 or more persons per room	8	—	—	—	—	—	—	—	—	—	8	—
<b>BEDROOMS</b>												
None	505	63	147	140	109	23	10	5	—	—	8	160
1	3 836	388	497	1 225	1 305	210	45	26	18	—	122	188
2	6 429	169	365	735	1 367	2 203	925	240	131	55	239	260
3	2 315	49	52	151	238	276	289	509	443	163	145	353
4	310	—	19	—	10	16	26	54	109	32	44	407
5 or more	34	—	—	20	—	7	7	—	—	—	—	188
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	5 478	156	340	904	993	869	510	619	606	208	273	262
2	617	19	33	150	101	161	69	37	15	19	248	—
3 and 4	1 531	42	87	159	362	461	290	52	29	13	36	262
5 to 9	1 549	137	98	336	498	286	142	33	12	—	7	216
10 to 49	2 171	182	126	358	705	610	122	25	—	—	43	230
50 or more	706	43	119	95	161	198	85	5	—	—	—	234
Mobile home or trailer, etc.	1 377	90	277	269	209	150	77	70	39	16	180	192
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	3 419	96	135	303	817	1 085	400	199	203	122	59	268
1970 to 1974	1 842	162	200	178	341	409	278	92	92	28	62	251
1960 to 1969	2 839	89	135	509	576	560	269	238	223	62	178	292
1950 to 1959	2 218	105	147	489	576	297	152	188	155	20	89	229
1940 to 1949	1 776	77	228	442	417	263	141	86	21	18	83	213
1939 or earlier	1 335	140	235	350	302	121	55	38	7	—	87	180
<b>STORIES IN STRUCTURE</b>												
1 to 3	13 429	669	1 080	2 271	3 029	2 735	1 295	841	701	250	558	240
4 or more	—	—	—	—	—	—	—	—	—	—	—	—
With elevator	—	—	—	—	—	—	—	—	—	—	—	—
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent	2 241	211	307	408	536	462	178	65	52	22	...	216
15 to 19 percent	1 858	154	126	314	379	432	191	86	133	43	245	—
20 to 24 percent	1 662	114	112	315	371	321	193	118	58	60	...	238
25 to 29 percent	1 278	96	84	219	234	274	192	72	88	19	...	251
30 to 34 percent	1 006	16	115	102	227	233	114	115	64	20	...	260
35 to 49 percent	2 280	50	228	522	525	476	164	149	135	31	...	233
50 percent or more	2 404	20	101	370	719	510	239	236	158	51	...	249
Not computed	700	8	7	21	38	27	24	—	13	4	558	246
Median	27.4	18.9	24.6	27.0	29.5	27.5	26.9	33.5	31.0	24.8	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	13 409	669	1 080	2 267	3 023	2 735	1 285	841	701	250	558	240
Central heating system	9 349	456	721	1 300	2 137	2 116	1 012	556	531	233	287	248
Air conditioning	9 059	381	517	1 318	2 267	2 110	974	455	483	229	325	247
Central system	4 620	235	162	258	734	1 434	767	265	384	214	167	280

Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

## Owner-occupied housing units

## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

## Married-couple families

	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	Income in 1979 below poverty level
28 957	2 804	4 953	2 649	2 211	4 061	3 964	4 648	2 351	1 316	17 146	20 336	2 115	964
21 654	812	3 174	1 885	1 613	3 290	3 436	4 146	2 117	1 181	20 072	22 829	16 883	32
442	18	62	39	41	100	97	69	11	5	16 883	18 365	20 000	22 851
4 182	65	255	286	398	1 087	862	800	273	153	24 753	27 742	24 478	131
4 732	152	243	211	255	600	949	1 284	689	349	21 502	24 478	21 443	259
8 342	303	1 011	779	530	1 107	1 279	1 718	1 034	581	13 951	18 180	13 639	362
3 956	274	1 603	570	389	396	249	275	107	93	13 951	18 180	13 639	222
2 524	387	543	219	248	343	249	266	168	101	13 639	17 516	13 639	26
160	33	16	6	48	22	4	5	8	18	13 802	22 342	10 288	53
662	40	42	71	68	144	74	121	57	45	18 786	23 831	10 503	46
485	42	64	80	29	73	97	50	35	15	17 218	18 524	11 939	119
663	64	191	39	64	67	61	86	68	23	13 965	17 708	13 965	45
554	208	230	23	39	37	13	4	—	—	6 113	7 462	5 56.2	52
4 779	1 605	1 236	545	350	428	279	236	66	34	7 729	10 527	—	929
115	24	29	39	—	7	10	6	—	—	10 288	10 400	—	24
443	93	113	77	42	36	38	22	22	—	10 503	12 644	—	138
670	71	112	196	51	112	59	36	14	19	11 939	14 686	—	403
1 503	351	332	173	200	152	130	120	30	15	10 990	12 888	—	255
2 048	1 066	650	60	57	121	42	52	—	—	4 884	6 982	—	393
50.7	66.7	65.0	54.1	51.1	42.3	43.2	44.5	45.9	46.4	—	—	—	56.2

## YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	5 603	438	742	561	452	884	851	940	525	210	18 383	20 888	412
1975 to 1978	9 684	733	1 395	924	800	1 508	1 368	1 676	769	511	18 196	21 594	696
1970 to 1974	5 329	452	1 082	531	365	663	779	730	475	252	16 782	20 002	403
1960 to 1969	4 916	586	860	324	301	711	659	798	440	237	17 271	20 305	306
1959 or earlier	3 425	595	874	309	293	295	307	504	142	106	11 970	16 439	298

## SELECTED CHARACTERISTICS

Complete plumbing for exclusive use	28 732	2 788	4 889	2 614	2 201	4 030	3 941	4 621	2 345	1 303	17 191	20 359	2 099
1.01 or more persons per room	818	34	103	111	87	124	131	97	93	38	16 968	21 671	111
Lacking complete plumbing for exclusive use	225	16	64	35	10	31	23	27	6	13	12 321	17 330	16
1.01 or more persons per room	59	—	9	15	10	7	7	11	—	13 875	16 797	—	—
Heating equipment	28 918	2 799	4 949	2 649	2 211	4 052	3 956	4 643	2 343	1 316	17 142	20 337	2 110
Central heating system	17 379	1 565	2 801	1 463	1 288	2 357	2 342	2 818	1 707	1 038	18 321	21 935	1 100
Air conditioning	17 796	1 430	2 615	1 426	1 362	2 524	2 424	3 192	1 747	1 076	19 063	22 521	1 077
Central system	12 663	729	1 410	860	906	1 703	1 882	2 673	1 531	969	21 689	25 232	556
Vehicles available	28 055	2 185	4 747	2 613	2 198	4 050	3 957	4 638	2 351	1 316	17 667	20 823	1 854
1	6 399	1 255	1 886	772	568	795	416	490	116	101	10 189	13 045	806
2 or more	21 656	930	2 861	1 841	1 630	3 255	3 541	4 148	2 235	1 215	20 401	23 121	1 048
House heating fuel	28 918	2 799	4 949	2 649	2 211	4 052	3 956	4 643	2 343	1 316	17 142	20 337	2 110
Utility gas	3 335	391	780	394	283	365	329	464	209	120	13 405	18 431	315
Bottled, tank, or LP gas	6 607	613	1 004	509	532	787	972	1 053	697	440	18 981	22 490	437
Electricity	362	43	77	25	31	39	63	35	24	25	16 136	19 286	30
Fuel oil, kerosene, etc.	7 107	536	1 101	669	555	1 207	1 117	1 264	445	213	17 293	19 494	549
Other	5.3	4.3	4.7	4.9	5.2	5.3	5.5	5.7	6.1	6.5	—	—	4.6

## Median rooms

Specified owner-occupied housing units	19 056	1 408	2 753	1 561	1 364	2 708	2 921	3 511	1 808	1 022	19 486	22 236	1 010
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## MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

With a mortgage	13 321	466	1 288	1 058	936	1 996	2 320	2 873	1 506	878	21 782	24 928	586
Less than \$200	2 144	108	461	289	181	256	320	363	127	39	15 401	18 385	109
\$200 to \$249	1 634	116	243	118	167	301	253	279	107	50	18 392	19 607	150
\$250 to \$299	1 530	41	215	119	112	250	225	346	151	71	20 413	22 657	67
\$300 to \$349	1 344	33	58	122	138	292	273	232	137	59	20 076	23 027	20
\$350 to \$399	1 404	21	78	87	71	244	323	305	177	98	22 329	26 258	55
\$400 to \$449	2 426	58	125	185	148	338	505	623	286	158	23 177	26 142	90
\$500 to \$599	1 462	25	60	96	54	187	233	429	238	140	25 742	29 503	37
\$600 to \$749	822	48	28	33	48	60	144	182	156	123	24 654	34 620	42
\$750 or more	555	16	20	9	17	68	44	114	127	140	30 105	41 661	16
Median	\$350	\$261	\$238	\$301	\$303	\$333	\$364	\$385	\$419	\$477	—	—	\$275

## Not mortgaged

Less than \$50	5 735	942	1 465	503	428	712	601	638	302	144	12 289	15 983	424
\$50 to \$74	3 109	8	304	269	297	590	565	630	302	144	20 707	23 439	5
\$75 to \$99	1 037	115	496	153	107	122	36	8	—	—	8 968	9 976	15
\$100 to \$124	609	152	377	56	24	—	—	—	—	—	6 525	6 855	41
\$125 to \$149	1 436	—	215	103	152	332	342	232	51	9	18 542	18 916	22
\$150 to \$199	843	12	168	104	102	248	147	59	—	3	15 569	15 624	10
\$200 to \$249	2 402	365	709	483	270	318	150	75	24	8	10 657	11 492	435
\$250 or more	148	35	7	16	—	8	19	14	33	16	21 053	25 991	10
Median	37	13	—	—	—	—	6	1	10	7	24 792	29 326	13

## Not computed

Less than 10 percent	10	24.6	14.3	10	10	10	10	10	10	10	—	—	30.0
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Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

## The SMSA

## Renter-occupied housing units

## HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

## Married-couple families

	Household income in 1979												Income in 1979 below poverty level
Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
14 057	3 149	3 671	1 505	1 209	1 875	1 032	1 092	361	163	10 346	12 985	2 731	
5 866	513	1 275	737	573	1 082	653	668	233	132	14 280	16 478	717	
931	115	246	106	97	212	76	73	6	—	12 465	13 091	168	
2 256	121	462	339	226	523	304	198	48	35	14 779	15 955	231	
1 106	85	83	138	135	172	135	240	87	31	17 619	20 195	136	
1 084	140	167	112	75	164	125	157	92	52	16 622	19 614	142	
489	52	317	42	40	11	13	—	—	14	7 455	9 981	40	
3 175	773	745	298	280	402	271	296	93	17	10 583	13 274	592	
925	258	224	116	112	116	24	52	23	—	9 323	10 523	263	
1 018	149	167	108	84	201	154	115	29	11	15 029	16 601	154	
420	54	87	35	52	56	64	62	4	6	14 135	16 845	68	
432	117	120	32	7	23	29	67	37	—	9 180	14 026	76	
380	195	147	7	25	6	—	—	—	—	4 931	6 257	31	
5 016	1 863	1 651	470	356	391	108	128	35	14	6 915	8 717	1 422	
1 259	403	464	135	92	114	14	28	—	9	7 526	8 676	514	
1 231	280	507	106	161	75	37	38	27	—	8 357	10 127	356	
649	142	193	121	50	95	10	38	—	—	9 748	10 549	150	
777	292	229	86	19	81	41	16	8	5	7 234	9 546	171	
1 100	746	258	22	34	26	6	8	—	—	4 215	5 520	231	
Median age	33.5	43.5	32.7	31.6	30.8	29.9	32.9	35.9	38.9	42.7	... ...	30.9	

## YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	7 945	1 687	2 061	797	730	1 070	584	679	241	96	10 704	13 444	1 802
1975 to 1978	4 475	1 004	1 230	555	389	601	324	275	63	34	10 016	12 094	747
1970 to 1974	840	179	233	101	57	121	55	33	34	27	10 198	13 596	74
1960 to 1969	592	209	107	33	26	69	56	70	16	6	8 958	12 783	62
1959 or earlier	205	70	40	19	7	14	13	35	7	—	8 958	12 718	46

## PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	13 934	3 068	3 644	1 505	1 205	1 870	1 032	1 092	361	157	10 424	13 027	2 652
0.50 or less	7 367	2 078	1 941	698	502	833	532	540	172	71	9 037	12 182	1 169
0.51 to 1.00	5 724	858	1 489	713	610	896	429	481	171	77	11 806	13 954	1 177
1.01 to 1.50	633	88	160	88	73	91	63	56	5	9	11 946	14 253	228
1.51 or more	210	44	54	6	20	50	8	15	13	—	12 625	13 663	78
Locking complete plumbing for exclusive use	123	81	27	—	4	5	—	—	—	6	4 129	8 269	79
0.50 or less	48	32	16	—	—	—	—	—	—	—	3 667	3 074	28
0.51 to 1.00	54	41	4	—	4	5	—	—	—	—	4 146	5 745	36
1.01 to 1.50	6	—	—	—	—	—	—	—	—	6	75000+	87 295	—
1.51 or more	15	8	7	—	—	—	—	—	—	—	2500—	2 365	15

## SELECTED CHARACTERISTICS

Heating equipment	14 037	3 149	3 657	1 505	1 209	1 875	1 032	1 086	361	163	10 353	12 987	2 727
Central heating system	9 551	2 026	2 477	1 058	871	1 243	726	786	299	65	10 644	13 115	1 772
Air conditioning	9 333	1 997	2 388	945	833	1 255	732	744	339	100	10 745	13 473	1 720
Central system	4 759	892	1 130	384	455	692	479	430	213	84	12 327	14 848	880
Vehicles available	12 502	2 125	3 273	1 455	1 170	1 849	1 026	1 084	357	163	11 466	13 920	2 206
1	6 118	1 670	2 152	669	459	558	268	266	76	—	8 087	9 991	1 489
2 or more	6 384	455	1 121	786	711	1 291	758	818	281	163	15 416	17 685	717
House heating fuel	14 037	3 149	3 657	1 505	1 209	1 875	1 032	1 086	361	163	10 353	12 987	2 727
Utility gas	5 783	1 182	1 506	710	504	770	532	389	128	62	10 717	12 906	957
Bottled, tank, or LP gas	961	328	231	96	55	117	45	48	34	7	8 404	11 173	269
Electricity	5 531	1 337	1 541	501	501	670	295	475	166	45	9 598	12 731	1 192
Fuel oil, kerosene, etc.	83	6	28	18	—	7	7	17	—	—	11 042	15 382	—
Other	1 679	296	351	180	149	311	153	157	33	49	12 710	15 023	309
Median rooms	4.0	3.4	3.8	4.1	4.1	4.2	4.5	4.5	4.6	4.6	...	...	3.8

## Specified renter-occupied housing units

CONTRACT RENT	13 429	3 069	3 556	1 439	1 166	1 707	970	1 012	361	149	10 155	12 821	2 626
Less than \$100	1 303	589	381	79	70	76	59	41	8	—	5 671	8 232	284
\$100 to \$149	1 696	643	493	225	71	131	72	27	23	11	6 964	9 205	385
\$150 to \$199	3 268	1 073	370	279	389	153	160	38	20	20	8 821	10 832	682
\$200 to \$249	3 060	482	921	341	257	458	262	243	65	31	10 931	13 275	595
\$250 to \$299	2 031	219	383	239	262	330	232	260	67	39	14 165	16 974	284
\$300 to \$349	806	73	134	113	143	119	93	92	24	15	13 951	15 957	135
\$350 to \$399	431	41	29	22	36	99	32	93	72	7	19 513	21 943	59
\$400 to \$499	216	26	11	6	33	26	45	40	18	18	22 500	26 099	26
\$500 or more	60	5	8	—	5	—	17	12	13	—	22 917	21 643	13
No cash rent	558	205	123	39	37	72	24	39	11	8	7 644	10 916	163
Median	\$240	\$192	\$223	\$249	\$264	\$265	\$278	\$289	\$330	\$301	...	...	\$227

## GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent	2 241	7	128	86	102	381	448	678	270	141	24 629	26 825	30
15 to 19 percent	1 858	76	197	165	243	609	289	212	67	—	17 116	17 598	51
20 to 24 percent	1 662	85	344	330	308	379	134	76	6	—	13 084	13 713	77
25 to 29 percent	1 278	138	366	334	272	110	44	7	7	—	11 010	11 099	72
30 to 34 percent	1 006	113	423	246	100	104	20	—	—	—	9 721	9 971	72
35 to 49 percent	2 280	587	1 344	193	99	46	11	—	—	—	6 826	7 166	382
50 percent or more	2 404	1 716	631	46	5	6	—	—	—	—	3 915	4 132	1 637
Not computed	700	347	123	39	37	72	24	39	11	8	5 106	8 702	305
Median	27.4	50+	37.8	26.8	23.6	18.6	15.4	13.1	10.6	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	13 321	2 144	1 634	1 530	1 344	1 404	2 426	1 462	822	555	350
PERSONS IN UNIT											
1 person -----	996	290	131	99	114	93	167	48	51	3	289
2 persons -----	4 000	1 019	582	433	402	341	535	374	177	137	296
3 persons -----	2 859	411	371	421	247	346	574	300	132	57	346
4 persons -----	3 174	259	313	351	331	360	684	412	254	210	396
5 persons -----	1 592	114	183	159	167	163	321	248	129	108	403
6 persons -----	518	45	36	62	64	63	106	56	57	29	391
7 persons -----	116	6	—	5	19	24	24	14	13	11	429
8 or more persons -----	66	—	18	—	—	14	15	10	9	—	410
Median -----	3.08	2.27	2.78	3.05	3.13	3.27	3.39	3.52	3.70	3.88	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	10 814	1 641	1 246	1 239	1 127	1 150	1 989	1 218	712	492	357
15 to 24 years -----	253	8	32	19	38	54	34	43	6	19	377
25 to 34 years -----	2 914	135	193	350	393	353	727	436	204	123	404
35 to 44 years -----	3 015	252	293	224	297	367	684	353	324	221	411
45 to 64 years -----	3 762	862	555	519	363	326	504	346	166	121	295
65 years and over -----	870	384	173	127	36	50	40	40	12	8	215
Male householder, no wife present -----	1 003	123	126	115	106	105	185	152	55	36	365
15 to 24 years -----	65	6	—	9	—	15	6	13	16	—	421
25 to 34 years -----	446	36	40	44	45	72	100	92	7	10	390
35 to 44 years -----	191	12	14	12	40	11	48	26	16	12	410
45 to 64 years -----	223	35	46	39	21	—	31	21	16	14	289
65 years and over -----	78	34	26	11	—	7	—	—	—	—	210
Female householder, no husband present -----	1 504	380	262	176	111	149	252	92	55	27	281
15 to 24 years -----	65	28	6	5	—	—	5	—	21	—	238
25 to 34 years -----	318	51	42	24	27	29	92	40	7	6	376
35 to 44 years -----	429	54	72	59	35	59	87	42	6	15	342
45 to 64 years -----	524	164	90	82	33	56	68	10	15	6	255
65 years and over -----	168	83	52	6	16	5	—	—	6	—	201
Median age -----	41.7	54.6	48.4	45.9	39.3	38.4	37.5	37.1	38.6	39.3	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	2 832	106	118	148	159	277	682	687	406	249	487
1975 to 1978 -----	5 070	344	385	601	669	705	1 215	575	323	253	388
1970 to 1974 -----	2 516	428	580	373	304	227	372	127	66	39	284
1960 to 1969 -----	2 251	918	481	329	165	140	111	73	20	14	222
1959 or earlier -----	652	348	70	79	47	55	46	—	7	—	195
ROOMS											
1 to 3 rooms -----	181	41	25	34	28	5	22	26	—	—	286
4 rooms -----	1 405	426	214	185	123	152	174	97	27	7	267
5 rooms -----	4 339	905	575	639	459	420	751	374	155	61	306
6 rooms -----	4 096	605	547	424	425	470	783	425	312	105	355
7 rooms -----	2 159	122	182	145	232	269	446	359	177	227	428
8 or more rooms -----	1 141	45	91	103	77	88	250	181	151	155	457
Median -----	5.7	5.2	5.5	5.4	5.6	5.8	6.1	6.2	7.0	—	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	4 148	223	185	272	325	396	1 159	709	496	383	459
1970 to 1974 -----	1 629	94	238	139	228	202	313	228	133	64	380
1960 to 1969 -----	3 670	610	602	598	396	409	498	341	133	83	303
1950 to 1959 -----	2 474	807	351	341	203	253	294	167	47	11	262
1940 to 1949 -----	816	249	145	91	107	95	102	13	6	8	258
1939 or earlier -----	574	161	113	89	85	49	60	4	7	6	257
VALUE											
Less than \$10,000 -----	53	53	—	—	—	—	—	—	—	—	120
\$10,000 to \$19,999 -----	108	66	26	16	—	—	—	—	—	—	184
\$20,000 to \$29,999 -----	503	235	148	63	17	12	28	—	—	—	206
\$30,000 to \$39,999 -----	962	362	219	82	126	80	72	21	—	—	227
\$40,000 to \$49,999 -----	2 064	603	337	306	258	252	227	52	6	23	265
\$50,000 to \$59,999 -----	2 374	435	327	343	198	331	444	259	30	7	321
\$60,000 to \$79,999 -----	3 770	358	461	431	484	340	859	555	228	54	372
\$80,000 to \$99,999 -----	1 889	16	94	167	174	254	460	310	274	140	445
\$100,000 to \$149,999 -----	1 243	16	22	108	87	133	291	203	225	158	489
\$150,000 or more -----	355	—	—	14	—	2	45	62	59	173	739
Median -----	\$62 500	\$45 400	\$52 300	\$58 100	\$61 600	\$61 300	\$70 500	\$73 400	\$88 300	\$118 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	4 181	1 227	797	683	353	373	400	202	102	44	255
15 to 19 percent -----	2 251	313	267	287	334	304	393	203	110	40	339
20 to 24 percent -----	2 112	224	172	137	251	280	561	309	78	100	399
25 to 29 percent -----	1 436	159	95	112	142	182	330	217	136	63	408
30 to 34 percent -----	843	79	95	61	100	63	184	154	80	27	410
35 percent or more -----	2 402	117	201	244	158	202	539	362	303	276	444
Not computed -----	96	25	7	6	6	—	19	15	13	5	420
Median -----	20.4	13.1	15.3	16.4	19.7	20.4	23.7	25.2	29.2	35.1	...
SELECTED CHARACTERISTICS											
Heating equipment -----	13 296	2 144	1 626	1 530	1 344	1 404	2 409	1 462	822	555	350
Steam or hot water system -----	13	8	—	—	5	—	—	—	—	—	141
Central warm-air furnace or electric heat pump -----	6 538	600	655	674	526	638	1 374	958	656	457	412
Other built-in electric units -----	873	267	76	118	108	126	93	54	28	3	290
Floor, wall, or pipeless furnace -----	1 211	355	199	180	103	108	174	52	31	9	264
Other means -----	4 661	914	696	558	607	527	768	398	107	86	313
Air conditioning -----	8 975	1 161	947	862	827	943	1 765	1 215	734	521	387
Central system -----	7 202	614	649	620	665	794	1 551	1 106	695	508	415
1 or more individual room units -----	1 773	547	298	242	162	149	214	109	39	13	259
House heating fuel -----	13 296	2 144	1 626	1 530	1 344	1 404	2 409	1 462	822	555	350
Utility gas -----	6 068	1 151	919	740	605	589	1 012	613	260	179	319
Bottled, tank, or LP gas -----	720	83	61	106	81	83	115	99	59	33	367
Electricity -----	3 455	505	204	312	234	354	688	462	411	285	419
Fuel oil, kerosene, etc. -----	138	13	13	17	35	19	12	15	14	—	337
Other -----	2 915	392	429	355	389	359	582	273	78	58	336

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. Far meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

**The SMSA**

Specified owner-occupied housing units -----

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
PERSONS IN UNIT	5 735	357	1 442	1 645	1 025	595	486	148	37	91
1 person -----	1 450	204	579	365	164	57	29	52	-	72
2 persons -----	2 931	108	634	931	569	368	256	49	16	94
3 persons -----	736	39	150	163	145	83	118	27	11	103
4 persons -----	351	6	48	88	77	57	46	20	9	111
5 persons -----	165	-	22	44	65	21	13	-	-	106
6 persons -----	71	-	9	40	5	-	17	-	-	92
7 persons -----	23	-	-	7	-	9	7	-	-	138
8 or more persons -----	8	-	-	7	-	-	-	-	1	89
Median -----	1.98	1.38	1.72	1.99	2.11	2.15	2.34	1.95	2.73	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER	3 843	111	766	1 198	760	476	399	96	37	97
Married-couple families -----	36	5	7	13	5	-	6	-	-	87
15 to 24 years -----	151	-	18	54	47	21	7	4	-	102
25 to 34 years -----	338	-	49	129	81	48	11	13	7	98
35 to 44 years -----	1 792	58	292	545	351	213	244	78	11	100
45 to 64 years -----	1 526	48	400	457	276	194	131	1	19	92
65 years and over -----	522	112	181	123	61	12	28	5	-	71
Male householder, no wife present -----	8	8	-	-	-	-	-	-	-	50-
15 to 24 years -----	45	6	9	16	14	-	-	-	-	87
25 to 34 years -----	30	-	19	-	6	-	-	-	-	70
35 to 44 years -----	132	29	37	31	20	-	15	-	-	75
45 to 64 years -----	307	69	116	76	21	12	13	-	-	68
65 years and over -----	1 370	134	495	324	204	107	59	47	-	79
Female householder, no husband present -----	-	-	-	-	-	-	-	-	-	-
15 to 24 years -----	39	12	-	7	14	6	-	-	-	101
25 to 34 years -----	44	-	37	6	1	-	-	-	-	65
35 to 44 years -----	328	31	76	80	68	43	30	-	-	93
45 to 64 years -----	959	91	382	231	121	58	29	47	-	76
Median age -----	64.6	68.4	69.3	63.9	62.3	63.5	60.7	61.6	65.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT	568	21	56	172	152	94	54	13	6	106
1979 to March 1980 -----	857	19	88	193	223	156	141	26	11	114
1975 to 1978 -----	725	47	173	220	116	79	74	14	2	91
1970 to 1974 -----	1 456	90	450	464	225	105	78	44	-	85
1960 to 1969 -----	2 129	180	675	596	309	161	139	51	18	84
ROOMS	357	107	128	67	27	7	21	-	-	64
1 to 3 rooms -----	1 297	156	479	386	161	74	29	12	-	76
4 rooms -----	1 922	84	556	581	413	166	95	27	-	89
5 rooms -----	1 347	10	201	441	270	199	211	15	-	102
6 rooms -----	602	-	65	142	119	102	88	62	24	120
7 rooms -----	210	-	13	28	35	47	42	32	13	140
8 or more rooms -----	5.1	4.0	4.7	5.1	5.3	5.8	6.0	6.8	7.3	...
YEAR STRUCTURE BUILT	843	12	23	170	236	194	159	32	17	123
1975 to March 1980 -----	376	6	47	109	69	78	60	7	-	109
1970 to 1974 -----	1 109	61	205	356	229	126	88	44	-	95
1960 to 1969 -----	1 621	85	442	512	287	159	82	34	20	89
1950 to 1959 -----	1 009	95	370	341	107	24	47	25	-	78
1940 to 1949 -----	777	98	355	157	97	14	50	6	-	70
VALUE	162	49	56	57	-	-	-	-	-	64
Less than \$10,000 -----	375	69	170	103	24	-	9	-	-	67
\$10,000 to \$19,999 -----	621	97	276	164	81	3	-	-	-	69
\$20,000 to \$29,999 -----	794	59	320	263	103	31	18	-	-	77
\$30,000 to \$39,999 -----	955	58	274	371	138	65	37	12	-	85
\$40,000 to \$49,999 -----	787	5	199	216	215	94	37	21	-	97
\$50,000 to \$59,999 -----	1 063	20	100	340	247	206	119	26	5	107
\$60,000 to \$79,999 -----	560	-	28	108	117	135	146	13	-	130
\$80,000 to \$99,999 -----	323	-	13	23	75	55	116	40	1	148
\$100,000 to \$149,999 -----	95	-	6	-	25	6	36	18	-	209
Median -----	\$49 600	\$28 600	\$34 800	\$46 800	\$57 100	\$68 000	\$83 700	\$101 300	\$112 500	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979	3 109	218	778	944	573	292	231	56	17	90
Less than 10 percent -----	1 037	73	309	263	136	140	75	34	7	88
10 to 14 percent -----	609	25	168	186	124	52	54	-	-	90
15 to 19 percent -----	378	19	96	124	65	31	37	6	-	90
20 to 24 percent -----	190	15	42	47	40	20	16	10	-	95
25 to 29 percent -----	133	-	29	41	31	18	7	7	-	98
30 to 34 percent -----	238	-	15	34	56	42	66	25	-	133
35 percent or more -----	41	7	5	6	-	-	-	10	13	213
Not computed -----	10—	10—	10—	10—	10—	10.2	10.8	11.9	10—	...
SELECTED CHARACTERISTICS	5 735	357	1 442	1 645	1 025	595	486	148	37	91
Heating equipment -----	31	-	6	-	8	12	5	-	-	128
Steam or hot water system -----	1 645	28	155	396	376	331	252	70	37	116
Central warm-air furnace or electric heat pump -----	669	34	237	221	118	34	18	7	-	82
Other built-in electric units -----	606	24	181	236	79	41	38	7	-	85
Floor, wall, or pipeless furnace -----	2 784	271	863	792	444	177	173	64	-	83
Other means -----	1 261	130	629	966	613	433	338	115	37	98
Air conditioning -----	2 035	11	263	590	428	346	259	101	37	109
Central system -----	1 226	119	366	376	185	87	79	14	-	84
1 or more individual room units -----	5 735	357	1 442	1 645	1 025	595	486	148	37	91
House heating fuel -----	2 305	128	573	722	391	274	148	58	11	91
Utility gas -----	433	12	52	62	120	63	80	38	6	119
Battled, tank, or LP gas -----	1 414	79	395	387	230	144	127	32	20	90
Electricity -----	85	8	25	9	18	18	7	-	-	101
Fuel oil, kerosene, etc. -----	1 498	130	397	465	266	96	124	20	-	87

Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8)

## The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
	28 957	8 585	4 375	6 910	7 354	1 733	14 057	3 484	1 879	2 982	4 275	1 437
<b>Occupied housing units</b>												
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	21 654	7 020	3 312	5 164	5 172	986	5 866	1 170	795	1 498	1 840	563
15 to 24 years	442	200	73	74	66	29	931	239	151	194	272	75
25 to 34 years	4 182	2 044	558	802	660	118	2 256	475	245	609	753	174
35 to 44 years	4 732	1 832	816	1 088	837	159	1 106	186	128	305	360	127
45 to 64 years	8 342	2 196	1 202	2 289	2 292	363	1 084	191	169	322	297	105
65 years and over	3 956	748	663	911	1 317	317	489	79	102	68	158	82
Male householder, no wife present	2 524	670	340	614	680	220	3 175	764	377	583	1 028	423
15 to 24 years	160	6	62	44	40	8	925	280	107	187	269	82
25 to 34 years	662	280	38	151	166	27	1 018	269	105	197	353	94
35 to 44 years	485	199	52	110	94	30	420	88	63	70	112	87
45 to 64 years	663	149	113	173	177	51	432	88	58	91	112	83
65 years and over	554	36	75	136	203	104	380	39	44	38	182	77
Female householder, no husband present	4 779	895	723	1 132	1 502	527	5 016	1 550	707	901	1 407	451
15 to 24 years	115	47	17	21	7	23	1 259	529	151	157	333	89
25 to 34 years	443	169	64	108	94	8	1 231	451	148	212	324	96
35 to 44 years	670	197	101	134	191	47	649	233	85	149	159	23
45 to 64 years	1 503	280	259	440	441	83	777	163	80	183	273	78
65 years and over	2 048	202	282	429	769	366	1 100	174	243	200	318	165
Median age	50.7	41.3	50.3	51.0	57.2	62.7	33.5	30.2	35.9	34.2	33.8	38.6
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	5 603	3 406	719	732	663	83	7 945	2 667	1 057	1 566	2 076	579
1975 to 1978	9 684	5 179	1 159	1 731	1 262	353	4 475	817	646	990	1 508	514
1970 to 1974	5 329	—	2 497	1 560	1 072	200	840	—	176	201	280	183
1960 to 1969	4 916	—	—	2 887	1 673	356	592	—	—	225	251	116
1959 or earlier	3 425	—	—	—	2 684	741	205	—	—	—	160	45
<b>ROOMS</b>												
1 room	198	89	28	38	43	—	409	37	40	55	165	112
2 rooms	386	69	57	97	143	20	1 075	258	114	201	343	159
3 rooms	1 531	235	348	376	420	152	3 009	849	401	501	873	385
4 rooms	5 665	1 492	957	1 294	1 446	476	5 401	1 466	879	1 160	1 503	393
5 rooms	8 848	2 444	1 236	2 224	2 491	453	2 485	545	296	616	825	203
6 rooms	7 129	2 414	953	1 643	1 732	387	1 186	244	95	320	426	101
7 or more rooms	5 200	1 842	796	1 238	1 079	245	492	85	54	129	140	84
Median	5.3	5.5	5.1	5.2	5.2	5.0	4.0	3.9	3.9	4.1	4.0	3.7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	28 732	8 503	4 366	6 851	7 317	1 695	13 934	3 479	1 863	2 965	4 233	1 394
0.50 or less	17 624	4 673	2 481	4 126	5 068	1 276	7 367	1 935	1 072	1 415	2 231	714
0.51 to 1.00	10 290	3 547	1 746	2 542	2 075	380	5 724	1 428	692	1 401	1 637	566
1.01 to 1.50	630	232	107	138	120	33	633	75	89	99	291	79
1.51 or more	188	51	32	45	54	6	210	41	10	50	74	35
Lacking complete plumbing for exclusive use	225	82	9	59	37	38	123	5	16	17	42	43
0.50 or less	71	8	—	25	8	30	48	—	8	11	18	11
0.51 to 1.00	95	47	9	16	15	8	54	5	—	—	17	32
1.01 to 1.50	18	18	—	—	—	—	6	—	—	6	—	—
1.51 or more	41	9	—	18	14	—	15	—	8	—	7	—
<b>PERSONS IN UNIT</b>												
1 person	4 476	797	603	1 026	1 458	592	4 313	1 044	571	761	1 323	614
2 persons	11 164	3 038	1 638	2 648	3 236	604	4 209	1 145	656	862	1 240	306
3 persons	5 169	1 764	748	1 188	1 175	294	2 389	657	300	555	683	194
4 persons	4 756	1 857	786	1 177	821	115	1 994	436	220	515	632	191
5 persons	2 251	751	400	608	426	66	778	150	104	190	259	75
6 or more persons	1 141	378	200	263	238	62	374	52	28	99	138	57
Median	2.40	2.76	2.47	2.42	2.19	1.95	2.15	2.11	2.06	2.35	2.16	1.84
Total persons	80 478	26 249	12 804	19 252	18 315	3 858	34 075	8 145	4 448	7 755	10 375	3 352
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	21 282	5 694	2 230	5 266	6 513	1 579	6 106	627	374	1 405	2 792	908
2	242	54	18	61	94	15	617	81	33	215	197	91
3 and 4	258	69	12	54	81	42	1 531	700	162	265	270	134
5 to 9	203	15	28	31	87	42	1 549	613	275	211	316	134
10 to 49	152	47	24	27	38	16	2 171	817	469	377	424	84
50 or more	31	14	5	—	12	—	706	289	248	14	80	75
Mobile home or trailer, etc.	6 789	2 692	2 058	1 471	529	39	1 377	357	318	495	196	11
<b>SELECTED CHARACTERISTICS</b>												
Hearing equipment	28 918	8 577	4 370	6 901	7 337	1 733	14 037	3 484	1 879	2 978	4 259	1 437
Steam or hot water system	66	5	7	21	28	5	356	183	66	18	14	75
Central warm-air furnace or electric heat pump	13 230	5 062	2 588	3 346	1 905	329	4 993	2 254	978	1 046	597	118
Other built-in electric units	2 007	371	194	402	823	217	2 505	560	136	498	1 011	300
Floor, wall, or pipeless furnace	2 076	240	286	465	968	117	1 697	117	362	421	626	171
Other means	11 539	2 899	1 295	2 667	3 613	1 065	4 486	370	337	995	2 011	773
Air conditioning	17 796	5 942	2 761	4 151	4 077	865	9 333	3 046	1 429	1 912	2 186	760
Central system	12 663	5 053	2 082	2 958	2 236	334	4 759	2 039	924	951	694	151
1 or more individual room units	5 133	889	679	1 193	1 841	531	4 574	1 007	505	961	1 492	609
House heating fuel	28 918	8 577	4 370	6 901	7 337	1 733	14 037	3 484	1 879	2 978	4 259	1 437
Utility gas	11 507	2 445	2 053	3 153	3 270	586	5 783	1 127	1 007	1 436	1 658	555
Bottled, tank, or LP gas	3 335	832	872	1 040	509	82	961	165	222	307	217	50
Electricity	6 607	2 882	528	1 033	1 737	427	5 531	1 975	512	807	1 736	501
Fuel oil, kerosene, etc.	362	94	63	31	118	56	83	23	4	17	29	10
Other	7 107	2 324	854	1 644	1 703	582	1 679	194	134	411	619	321
Income in 1979 below poverty level	2 115	529	408	468	552	158	2 731	663	415	532	875	246
Percent below poverty level	7.3	6.2	9.3	6.8	7.5	9.1	19.4	19.0	22.1	17.8	20.5	17.1
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	2 804	526	462	578	921	317	3 149	747	462	552	1 016	372
\$5,000 to \$9,999	4 953	1 088	862	1 136	1 397	470	3 671	883	411	729	1 160	488
\$10,000 to \$12,499	2 649	811	425	497	706	210	1 505	391	205	286	449	174
\$12,500 to \$14,999	2 211	708	291	551	503	158	1 209	384	202	176	374	73
\$15,000 to \$19,999	4 061	1 288	504	1 102	1 005	162	1 875	382	229	477	665	122
\$20,000 to \$24,999	3 964	1 351	601	941	921	150	1 032	240	161	278	239	114
\$25,000 to \$34,999	4 648	1 537	621	1 140	1 187	163	1 092	355	99	310	259	69
\$35,000 to \$49,999	2 351	845	365	651	449	41	361	79	76	98	94	14
\$50,000 or more	1 316	431	244	314	265	62	163	23	34	76	19	11
Median	\$17 146	\$19 434	\$16 317	\$17 959	\$15 732	\$10 946	\$10					

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA	Owner-occupied housing units						Renter-occupied housing units								Mobile home or trailer, etc.										
	Total			1 unit, detached or attached		2 or more units		Mobile home or trailer, etc.		Total			1 unit, detached or attached		2 units		3 and 4 units		5 to 9 units		10 to 49 units		50 or more units		
	1 unit, detached or attached	2 or more units	Total	1 unit, detached or attached	2 units	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	10 to 49 units	50 or more units	Mobile home or trailer, etc.				
Occupied housing units																									
Condominium housing units	28 957	21 282	886	6 789	—	14 057	6 106	617	1 531	1 549	2 171	706	1 377	—	—	—	—	—	—	—	—				
115	86	29	—	19	10	19	10	—	9	—	—	—	—	—	—	—	—	—	—	—	—				
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER																									
Married-couple families	21 654	16 535	590	4 529	5 866	3 363	188	509	371	518	182	735	—	—	—	—	—	—	—	—	—				
15 to 24 years	442	289	13	140	931	404	51	133	83	125	12	123	—	—	—	—	—	—	—	—	—				
25 to 34 years	4 182	3 310	74	798	2 256	1 324	53	240	145	169	52	273	—	—	—	—	—	—	—	—	—				
35 to 44 years	4 732	3 876	92	764	1 106	830	9	65	45	45	17	95	—	—	—	—	—	—	—	—	—				
45 to 64 years	8 342	6 375	306	1 661	1 084	581	53	64	80	87	67	152	—	—	—	—	—	—	—	—	—				
65 years and over	3 956	2 685	105	1 166	489	224	22	7	18	92	34	92	—	—	—	—	—	—	—	—	—				
Male householder, no wife present	2 524	1 705	82	737	3 175	1 166	174	350	489	546	181	269	—	—	—	—	—	—	—	—	—				
15 to 24 years	160	73	—	87	925	287	78	138	132	182	36	72	—	—	—	—	—	—	—	—	—				
25 to 34 years	662	536	28	98	1 018	411	45	127	147	175	55	58	—	—	—	—	—	—	—	—	—				
35 to 44 years	485	284	21	180	420	200	13	8	71	34	62	32	—	—	—	—	—	—	—	—	—				
45 to 64 years	663	399	24	240	432	117	26	56	72	86	8	67	—	—	—	—	—	—	—	—	—				
65 years and over	554	413	9	132	380	151	12	21	67	69	20	40	—	—	—	—	—	—	—	—	—				
Female householder, no husband present	4 779	3 042	214	1 523	5 016	1 577	255	672	689	1 107	343	373	—	—	—	—	—	—	—	—	—				
15 to 24 years	115	70	6	39	1 259	323	40	206	218	318	96	58	—	—	—	—	—	—	—	—	—				
25 to 34 years	443	357	—	86	1 231	439	67	224	107	288	45	61	—	—	—	—	—	—	—	—	—				
35 to 44 years	670	488	30	152	649	259	7	40	99	139	28	77	—	—	—	—	—	—	—	—	—				
45 to 64 years	1 503	942	61	500	777	236	39	69	115	199	41	78	—	—	—	—	—	—	—	—	—				
65 years and over	2 048	1 185	117	746	1 100	320	102	133	150	163	133	99	—	—	—	—	—	—	—	—	—				
Median age	50.7	49.0	54.2	56.1	33.5	34.3	32.8	29.3	33.1	31.4	40.4	36.4	—	—	—	—	—	—	—	—	—				
YEAR HOUSEHOLDER MOVED INTO UNIT																									
1979 to March 1980	5 603	3 763	157	1 683	7 945	3 167	343	1 029	902	1 370	432	702	—	—	—	—	—	—	—	—	—				
1975 to 1978	9 684	6 630	235	2 819	4 475	1 986	217	408	499	625	236	504	—	—	—	—	—	—	—	—	—				
1970 to 1974	5 329	3 578	127	1 624	840	427	40	33	84	140	28	88	—	—	—	—	—	—	—	—	—				
1960 to 1969	4 916	4 142	187	587	592	356	17	44	52	36	10	77	—	—	—	—	—	—	—	—	—				
1959 or earlier	3 425	3 169	180	76	205	170	—	17	12	—	—	6	—	—	—	—	—	—	—	—	—				
ROOMS																									
1 room	198	59	19	120	409	41	8	25	62	156	92	25	—	—	—	—	—	—	—	—	—				
2 rooms	386	94	31	261	1 075	273	27	77	206	316	74	102	—	—	—	—	—	—	—	—	—				
3 rooms	1 531	559	76	896	3 009	817	208	340	496	641	221	286	—	—	—	—	—	—	—	—	—				
4 rooms	5 665	2 965	193	2 507	5 401	1 915	274	856	581	882	280	613	—	—	—	—	—	—	—	—	—				
5 rooms	8 848	6 958	234	1 656	2 485	1 649	49	215	136	159	39	238	—	—	—	—	—	—	—	—	—				
6 rooms	7 129	5 987	212	930	1 186	999	38	11	55	17	66	—	—	—	—	—	—	—	—	—	—				
7 or more rooms	5 200	4 660	121	419	492	412	13	7	13	—	—	47	—	—	—	—	—	—	—	—	—				
Median	5.3	5.5	5.0	4.3	4.0	4.5	3.7	3.9	3.5	3.5	3.3	3.9	—	—	—	—	—	—	—	—	—				
PLUMBING FACILITIES BY PERSONS PER ROOM																									
Complete plumbing for exclusive use	28 732	21 163	850	6 719	13 934	6 059	617	1 507	1 541	2 136	701	1 373	—	—	—	—	—	—	—	—	—				
0.50 or less	17 624	12 807	577	4 240	7 367	2 833	426	788	949	1 184	442	745	—	—	—	—	—	—	—	—	—				
0.51 to 1.00	10 290	7 873	204	2 213	5 724	2 811	169	645	495	861	235	508	—	—	—	—	—	—	—	—	—				
1.01 to 1.50	630	387	63	180	633	378	22	54	82	31	6	60	—	—	—	—	—	—	—	—	—				
1.51 or more	188	96	6	86	210	37	—	20	15	60	18	60	—	—	—	—	—	—	—	—	—				
Lacking complete plumbing for exclusive use	225	119	36	70	123	47	—	24	8	35	5	4	—	—	—	—	—	—	—	—	—				
0.50 or less	71	36	23	12	48	29	—	8	11	—	—	—	—	—	—	—	—	—	—	—	—				
0.51 to 1.00	95	45	13	37	54	5	—	16	24	5	—	—	—	—	—	—	—	—	—	—	—				
1.01 to 1.50	18	18	—	—	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
1.51 or more	41	20	—	21	15	7	—	8	—	—	—	—	—	—	—	—	—	—	—	—	—				
BEDROOMS																									
None	207	59	19	129	517	81	12	25	92	182	100	25	—	—	—	—	—	—	—	—	—				
1	1 846	744	97	1 005	3 932	1 121	211	327	683	963	288	339	—	—	—	—	—	—	—	—	—				
2	9 754	5 377	375	4 002	6 692	2 524	359	1 119	663	941	310	776	—	—	—	—	—	—	—	—	—				
3	14 485	12 534	356	1 595	2 526	2 012	35	53	111	77	8	230	—	—	—	—	—	—	—	—	—				
4	2 302	2 220	32	50	344	329	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
5 or more	363	348	7	8	46	39	—	7	—	—	—	—	—	—	—	—	—	—	—	—	—				
HOUSEHOLD INCOME IN 1979																									
Less than \$5,000	2 804	1 523	157	1 124	3 149	1 024	113	435	479	606	180	312	—	—	—	—	—	—	—	—	—				
\$5,000 to \$9,999	4 953	3 086	116	1 751	3 671	1 413	257	405	419	576	171	430	—	—	—	—	—	—	—	—	—				
\$10,000 to \$12,499	2 649	1 695	132	822	1 505	703	73	164	121	217	51	176	—	—	—	—	—	—	—	—	—				
\$12,500 to \$14,999	2 211	1 493	109	609	1 209	543	13	140	101	225	83	104	—	—	—	—	—	—	—	—	—				
\$15,000 to \$19,999	4 061	3 020	94	947	1 875	930	57	134	211	272	104	167	—	—	—	—	—	—	—	—	—				
\$20,000 to \$24,999	3 964	3 271	85	608	1 032	572	37	106	79	114	57	67	—	—	—	—	—	—	—	—	—				
\$25,000 to \$34,999	4 648	3 959	89	600	1 092	631	48	108	97	104	38	46	—	—	—	—	—	—	—	—	—				
\$35,000 to \$49,999	2 351	2 050	60	241	361	224	10	29	29	25	11	33	—	—	—	—	—	—	—	—	—				
\$50,000 or more	1 316	1 185	4																						

Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA

Owner-occupied housing units  
Nonrelatives present

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>ROOMS</b>											
1 to 3 rooms	28 957	4 476	11 164	5 169	4 756	2 251	823	218	100	2.40	80 478
4 rooms	1 162	—	483	247	174	98	102	41	17	2.90	3 948
5 rooms	2 115	985	817	154	103	34	14	—	8	1.59	3 881
6 rooms	5 665	1 501	2 709	832	363	161	63	29	7	1.99	12 277
7 rooms	8 848	1 115	3 908	1 757	1 291	543	179	31	24	2.35	23 647
8 or more rooms	7 129	587	2 499	1 388	1 578	705	280	63	29	2.84	22 031
Median	3 508	198	894	753	986	487	119	64	7	3.38	11 926
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	28 732	4 398	11 127	5 127	4 732	2 220	810	218	100	2.40	79 804
1.00 or less	27 914	4 398	11 067	5 086	4 644	2 043	561	95	20	2.36	75 421
1.01 to 1.50	630	—	—	25	67	161	242	94	41	5.76	3 568
1.51 or more	188	—	60	16	21	16	7	29	39	4.36	815
Lacking complete plumbing for exclusive use	225	78	37	42	24	31	13	—	—	2.43	674
1.00 or less	166	78	28	32	9	13	6	—	—	1.68	416
1.01 to 1.50	18	—	—	10	8	—	—	—	—	3.40	68
1.51 or more	41	—	9	—	7	18	7	—	—	4.75	190
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	21 282	2 668	7 854	4 021	3 930	1 887	668	164	90	2.53	61 449
2 or more	886	199	367	140	80	49	51	—	—	2.16	2 337
Mobile home or trailer, etc.	6 789	1 609	2 943	1 008	746	315	104	54	10	2.11	16 692
<b>VALUE</b>											
Specified owner-occupied housing units	19 056	2 446	6 931	3 595	3 525	1 757	589	139	74	2.54	54 837
Less than \$10,000	215	113	28	37	—	20	10	7	—	1.45	463
\$10,000 to \$19,999	483	150	238	38	23	34	—	—	—	1.88	939
\$20,000 to \$29,999	1 124	281	619	118	56	33	10	7	—	1.95	2 143
\$30,000 to \$39,999	1 756	431	704	298	173	95	37	11	7	2.13	4 235
\$40,000 to \$49,999	3 019	482	1 135	626	471	182	104	19	—	2.41	8 315
\$50,000 to \$59,999	3 161	421	1 195	558	565	277	112	23	10	2.47	9 051
\$60,000 to \$79,999	4 833	313	1 624	1 063	1 110	565	92	34	32	2.95	14 536
\$80,000 to \$99,999	2 449	182	753	522	576	277	125	14	—	3.05	7 654
\$100,000 to \$149,999	1 566	43	517	262	421	214	68	19	22	3.35	5 620
\$150,000 or more	450	30	118	73	130	60	31	5	3	3.53	1 881
Median	\$59 100	\$45 500	\$54 900	\$62 000	\$66 800	\$66 100	\$62 400	\$62 100	\$77 600	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	28 957	4 476	11 164	5 169	4 756	2 251	823	218	100	2.40	80 478
Median income	\$17 146	\$6 499	\$14 718	\$20 535	\$22 962	\$24 119	\$22 820	\$23 750	\$28 750	...	...
Median selected monthly owner costs as percentage of household income	17.0	21.3	14.2	17.3	18.3	18.3	16.8	18.1	17.6	...	...
With a mortgage	20.4	30.7	19.6	20.6	19.7	19.5	19.3	19.4	18.8	...	...
Not mortgaged	10—	16.6	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	2 115	757	626	270	211	142	60	31	18	1.98	...
Median income	\$3 386	\$2 752	\$3 066	\$4 047	\$5 231	\$6 333	\$3 750	\$8 750	\$7 750	...	...
Median selected monthly owner costs as percentage of household income	50+	33.8	50+	50+	50+	50+	32.5	50+	27.5	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	32.5	50+	27.5	...	...
Not mortgaged	30.0	28.3	30.3	39.4	17.5	12.5	—	—	—	...	...
Renter-occupied housing units	14 057	4 313	4 209	2 389	1 994	778	228	128	18	2.15	34 075
Nonrelatives present	1 899	—	1 141	345	262	93	20	34	4	2.33	5 108
<b>ROOMS</b>											
1 room	409	302	100	7	—	—	—	—	—	1.18	532
2 rooms	1 075	684	265	80	22	8	16	—	—	1.29	1 684
3 rooms	3 009	1 696	849	259	157	42	6	—	—	1.39	4 839
4 rooms	5 401	1 290	2 019	1 142	718	171	49	12	—	2.20	12 786
5 rooms	2 485	238	647	566	666	220	74	62	12	3.13	7 900
6 rooms	1 186	90	258	248	260	233	51	40	6	3.49	4 313
7 or more rooms	492	13	71	87	171	104	32	14	—	3.94	2 021
Median	4.0	3.2	3.9	4.2	4.7	5.3	5.1	5.3	5.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	13 934	4 241	4 183	2 382	1 982	778	228	128	12	2.15	33 824
1.00 or less	13 091	4 241	4 091	2 302	1 803	557	83	14	—	2.06	30 050
1.01 to 1.50	633	—	—	80	157	171	123	102	—	4.96	2 922
1.51 or more	210	—	92	—	22	50	22	12	12	4.09	852
Lacking complete plumbing for exclusive use	123	72	26	7	12	—	—	—	6	1.35	251
1.00 or less	102	72	18	—	12	—	—	—	—	1.21	180
1.01 to 1.50	6	—	—	—	—	—	—	—	6	8.00	42
1.51 or more	15	—	8	7	—	—	—	—	—	2.44	29
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	6 106	1 238	1 666	1 172	1 219	517	170	110	14	2.63	17 518
2	617	255	200	97	65	—	—	—	—	1.77	1 173
3 and 4	1 531	464	415	348	247	39	14	—	4	2.23	3 478
5 to 9	1 549	757	372	203	133	71	13	—	—	1.55	3 024
10 to 49	2 171	891	781	301	146	42	4	6	—	1.75	4 191
50 or more	706	349	272	52	19	14	—	—	—	1.51	1 179
Mobile home or trailer, etc.	1 377	359	503	216	165	95	27	12	—	2.16	3 512
<b>GROSS RENT</b>											
Specified renter-occupied housing units	13 429	4 216	4 009	2 314	1 829	696	225	128	12	2.12	32 391
Less than \$100	669	476	117	42	28	—	6	—	—	1.20	1 089
\$100 to \$149	677	240	99	37	17	10	—	—	—	1.30	1 882
\$150 to \$199	2 271	1 035	620	348	203	39	14	12	—	1.66	4 107
\$200 to \$249	3 029	1 035	1 012	545	272	117	22	26	—	1.97	6 588
\$250 to \$299	2 735	523	1 092	530	450	116	18	6	—	2.27	6 830
\$300 to \$349	1 295	142	346	354	296	118	15	16	8	2.95	3 751
\$350 to \$399	841	60	226	192	219	68	36	36	4	3.20	2 975
\$400 to \$499	701	47	108	127	214	119	54	32	—	3.82	2 808
\$500 or more	250	—	86	32	63	57	12	—	—	3.61	1 074
No cash rent	558	221	162	45	47	45	38	—	—	1.86	1 287
Median	\$240	\$191	\$247	\$261	\$291	\$315	\$362	\$356	\$338	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	14 057	4 313	4 209	2 389	1 994	778	228	128	18	2.15	34 075
Median income	\$10 346	\$5 707	\$12 112	\$12 357	\$12 300	\$14 920	\$14 135	\$13 462	\$19 063	...	...
Median gross rent as percentage of household income	27.4	33.5	23.9	25.9	28.4	23.2	27.9	27.2	23.8	...	...
Income in 1979 below poverty level	2 731	886	627	510	431	170	44	59	4	2.26	...
Median income	\$3 668	\$2500	\$3 660	\$4 055	\$5 519	\$5 735	\$4 464	\$8 945	\$3 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	45.2	50+	50+	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and 8.]

The SMSA				Married-couple families		Male householder, no wife present						Female householder, no husband present						Median age
						15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Total	28 957	442	4 182	4 732	8 342	3 956	160	662	485	663	554	115	443	670	1 503	2 048	50.7	
Owner-occupied housing units	-----																	
PERSONS IN UNIT	-----																	
1 person	4 476	182	763	503	4 819	3 473	54	141	415	473	42	99	104	868	1 789	65.2		
2 persons	5 169	146	1 061	856	1 908	401	21	89	105	69	24	29	121	186	309	59.8		
3 persons	4 756	109	1 460	821	894	52	-	85	48	30	6	-	155	175	39	45.2		
4 persons	2 251	-	1 085	429	14	14	-	6	23	8	-	61	125	50	15	37.9		
5 persons	1 141	-	291	467	292	16	9	18	13	-	-	64	15	-	-	38.9		
6 or more persons	2 410	5	3 638	4 055	2 337	8 476	1 577	1 49	1 39	1 30	1 09	7	1 6	1 37	1 07	-	39.1	
Total persons	80 478	1 277	15 374	19 289	23 695	8 476	337	1 343	9 988	1 079	674	206	1 037	1 917	2 496	2 310	...	
PLOMBING FACILITIES BY PERSONS PER ROOM	-----																	
Complete plumbing for exclusive use	28 732	442	4 140	4 711	8 293	3 943	160	629	466	645	554	115	443	663	1 495	2 033	50.8	
1.01 or more persons per room	818	16	240	225	199	42	13	33	18	18	-	-	-	23	8	-	38.8	
Locking complete plumbing for exclusive use	225	-	42	21	49	7	-	8	-	-	-	-	7	7	-	15	41.8	
1.01 or more persons per room	59	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	38.2	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979	-----																	
Specified owner-occupied housing units	19 056	289	3 065	3 353	5 584	2 396	73	491	221	355	385	65	357	473	852	1 127	48.7	
With a mortgage	13 321	253	2 914	3 015	3 762	870	65	446	223	78	65	43	318	524	64	168	41.7	
Less than 15 percent	4 181	14	496	1 015	1 939	243	18	84	36	74	6	19	43	64	116	14	47.4	
15 to 19 percent	2 251	67	529	628	552	150	44	71	55	25	21	10	11	47	81	19	40.5	
20 to 24 percent	2 112	42	622	539	459	86	9	70	34	25	8	5	28	61	36	6	36.2	
25 to 29 percent	1 436	53	514	298	215	131	-	67	14	25	6	31	43	33	16	30	37.4	
30 to 34 percent	843	6	234	165	126	64	11	60	24	39	7	37	177	149	74	39.4		
35 percent or more	2 402	71	503	352	450	196	19	94	-	37	1	16	16	10	8	43.0		
Not computed	196	-	16	18	18.8	14.7	-	22.3	18.1	33.3	28.5	42.9	29.3	22.6	34.0	...		
Median	5 735	36	151	338	1 792	1 526	8	45	30	132	307	-	39	44	328	959	64.6	
Not mortgaged	3 109	29	113	292	1 271	739	8	35	20	77	124	-	24	22	155	200	...	
Less than 10 percent	1 037	7	33	24	241	403	-	-	18	58	-	-	9	59	174	69.4		
10 to 14 percent	609	5	104	104	213	-	4	-	16	53	-	-	6	5	39	154	70.4	
15 to 19 percent	378	-	6	81	46	-	6	-	6	54	-	-	6	6	14	59	70.9	
20 to 24 percent	190	-	-	7	46	-	5	-	6	12	-	-	-	32	82	89	75.1	
25 to 29 percent	133	-	-	32	12	-	-	-	-	-	-	-	-	-	22	91	69.0	
30 to 34 percent	238	-	-	6	50	-	-	-	9	6	-	-	-	-	7	10	...	
35 percent or more	41	-	-	6	13	-	-	-	5	10-	-	-	10-	10.0	10.5	18.3	...	
Not computed	10-	-	10-	10-	10-	10.2	-	10-	10-	12.5	-	-	10-	-	-	-	...	
Median	14 057	931	2 256	1 106	1 084	489	925	1 018	420	432	380	1 259	1 231	649	777	1 100	33.5	
Renter-occupied housing units	-----																	
PERSONS IN UNIT	-----																	
1 person	4 313	-	-	-	-	-	-	-	-	-	-	358	474	334	143	489	45.9	
2 persons	4 209	362	511	591	404	504	419	306	138	99	22	440	301	323	177	155	32.0	
3 persons	2 389	385	529	196	235	40	75	52	46	6	-	70	162	119	99	10	29.4	
4 persons	1 994	142	778	319	337	204	62	69	19	5	-	24	37	40	40	5	33.0	
5 persons	374	-	-	89	177	57	14	8	5	-	-	18	6	8	8	-	33.5	
6 or more persons	2 155	277	3 611	3 935	2 422	2 111	1 550	1 51	1 53	1 17	1 03	2 185	2 44	1 253	1 29	1 04	1.04	
Median	34 075	2 587	8 008	4 476	3 231	1 194	1 670	1 647	1 788	599	407	2 473	3 001	1 675	1 218	1 101	...	
PLOMBING FACILITIES BY PERSONS PER ROOM	-----																	
Complete plumbing for exclusive use	13 934	931	2 252	1 106	1 084	478	894	1 004	409	413	375	1 247	645	777	1 088	33.5		
1.01 or more persons per room	843	77	263	185	80	-	11	31	20	5	-	5	65	46	8	-	31.8	
Locking complete plumbing for exclusive use	121	-	4	-	-	-	6	-	-	-	-	12	-	-	-	-	35.2	
1.01 or more persons per room	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.5	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979	-----																	
Specified renter-occupied housing units	13 429	885	2 099	980	1 026	444	896	952	420	422	353	1 250	1 209	636	772	1 085	33.4	
Less than 15 percent	2 241	171	395	248	304	131	161	127	127	127	46	63	116	116	41	41	35.2	
15 to 19 percent	1 858	135	304	200	157	58	120	182	134	134	46	63	141	141	56	56	31.4	
20 to 24 percent	1 662	112	308	119	105	62	139	137	125	125	34	33	152	152	67	67	32.7	
25 to 29 percent	1 278	100	283	86	63	49	76	35	15	15	29	123	122	68	68	84	33.2	
30 to 34 percent	1 006	78	175	39	92	34	67	33	15	15	29	74	283	282	80	80	93	
35 to 49 percent	2 280	125	304	106	97	102	113	40	37	37	76	16	359	202	167	167	29.8	
50 percent or more	2 404	139	172	101	100	38	101	101	37	37	28	21	27	27	13	13	31.9	
Not computed	2 700	25	68	81	108	51	47	47	30	30	28	21	27	27	17	17	49.4	
Median	27.4	25.6	23.7	-	-	-	-	-	-	-	-	27.7	37.2	33.8	31.5	31.5	39.7	

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units -----	4 476	1 574	76	336	274	415	473	2 902	42	99	104	868	1 789
PLUMBING FACILITIES													
Complete plumbing for exclusive use -----	4 398	1 519	76	311	255	404	473	2 879	42	99	104	860	1 774
Locking complete plumbing for exclusive use -----	78	55	-	25	19	11	-	23	-	-	-	8	15
UNITS IN STRUCTURE													
1, detached or attached -----	2 668	993	26	270	129	236	332	1 675	12	78	68	505	1 012
2 or more -----	199	47	-	20	11	7	9	152	6	-	-	36	110
Mobile home or trailer, etc. -----	1 609	534	50	46	134	172	132	1 075	24	21	36	327	667
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 750	350	33	32	29	48	208	1 400	11	24	20	295	1 050
\$5,000 to \$9,999 -----	1 196	413	-	36	40	148	189	783	17	5	19	202	540
\$10,000 to \$12,499 -----	366	122	6	32	34	27	23	244	14	38	52	96	44
\$12,500 to \$14,999 -----	270	144	32	35	12	39	26	126	-	14	-	95	17
\$15,000 to \$19,999 -----	393	229	5	95	59	47	23	164	-	5	6	71	82
\$20,000 to \$24,999 -----	191	145	-	36	77	32	-	46	-	13	-	22	11
\$25,000 to \$34,999 -----	231	106	-	56	14	32	4	125	-	-	7	73	45
\$35,000 to \$49,999 -----	76	62	-	14	6	42	-	14	-	-	-	14	-
\$50,000 or more -----	3	3	-	-	3	-	-	-	-	-	-	-	-
Median -----	\$6 499	\$10 492	\$12 083	\$16 755	\$17 200	\$11 065	\$5 478	\$5 253	\$7 273	\$11 349	\$10 625	\$8 250	\$4 564
Mean -----	\$9 435	\$12 688	\$9 365	\$17 087	\$16 188	\$14 439	\$6 535	\$7 671	\$7 255	\$10 743	\$10 032	\$10 087	\$6 201
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units -----	2 446	887	26	254	87	203	317	1 559	12	78	68	439	962
With o mortgage -----	996	472	18	223	57	121	53	524	12	73	54	249	136
Less than \$200 -----	290	77	-	21	7	28	21	213	-	18	16	103	76
\$200 to \$249 -----	131	58	-	16	-	28	14	73	-	-	4	36	33
\$250 to \$299 -----	99	52	-	21	-	20	11	47	5	8	5	29	-
\$300 to \$349 -----	114	71	-	40	24	7	-	43	-	6	8	13	16
\$350 to \$399 -----	93	53	-	46	-	-	7	40	-	8	7	20	5
\$400 to \$449 -----	167	87	6	44	23	14	-	80	-	33	7	40	-
\$500 to \$599 -----	48	41	5	28	-	8	-	7	-	-	7	-	-
\$600 to \$749 -----	51	30	7	7	-	16	-	21	7	-	-	8	6
\$750 or more -----	3	3	-	-	3	-	-	-	-	-	-	-	-
Median -----	\$289	\$335	\$560	\$365	\$345	\$261	\$220	\$234	\$621	\$378	\$313	\$230	\$185
Not mortgaged -----	1 450	415	8	31	30	82	264	1 035	-	5	14	190	826
Less than \$50 -----	204	95	8	-	-	23	64	109	-	-	-	25	84
\$50 to \$74 -----	579	146	-	9	19	13	105	433	-	-	13	70	350
\$75 to \$99 -----	365	115	-	16	-	31	68	250	-	-	-	42	208
\$100 to \$124 -----	164	39	-	6	6	6	21	125	-	5	1	40	79
\$125 to \$149 -----	57	6	-	-	-	6	51	-	-	-	8	43	-
\$150 to \$199 -----	29	9	-	-	-	9	-	20	-	-	-	5	15
\$200 to \$249 -----	52	5	-	-	5	-	-	47	-	-	-	-	47
\$250 or more -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Median -----	\$72	\$69	\$50-	\$85	\$70	\$79	\$66	\$74	-	\$113	\$63	\$75	\$73
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979 -----	21.3	20.1	37.0	24.5	22.2	16.8	15.6	22.1	50+	40.6	36.9	20.8	21.6
With o mortgage -----	30.7	28.4	46.7	26.6	24.1	23.1	47.5	32.8	50+	41.4	41.8	23.1	34.7
Not mortgaged -----	16.6	10.2	10-	10-	10-	10-	12.8	19.0	10-	10-	10-	14.8	20.0
Income in 1979 below poverty level -----	757	125	26	21	15	24	39	632	11	24	20	199	378
Percent below poverty level -----	16.9	7.9	34.2	6.3	5.5	5.8	8.2	21.8	26.2	24.2	19.2	22.9	21.1
Renter-occupied housing units -----	4 313	1 851	461	504	206	322	358	2 462	474	334	143	489	1 022
PLUMBING FACILITIES													
Complete plumbing for exclusive use -----	4 241	1 791	445	495	195	303	353	2 450	474	334	143	489	1 010
Locking complete plumbing for exclusive use -----	72	60	16	9	11	19	5	12	-	-	-	-	12
UNITS IN STRUCTURE													
1, detached or attached -----	1 238	591	151	157	75	68	140	647	107	83	39	137	281
2 -----	255	100	52	14	13	9	12	155	13	23	-	25	94
3 and 4 -----	464	182	48	62	-	51	21	282	73	42	-	39	128
5 to 9 -----	757	383	82	104	58	72	67	374	101	31	35	66	141
10 to 49 -----	891	335	79	97	18	72	69	556	113	107	37	143	156
50 or more -----	349	115	22	39	26	8	20	234	43	37	-	31	123
Mobile home or trailer, etc. -----	359	145	27	31	16	42	29	214	24	11	32	48	99
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	1 956	631	189	126	32	93	191	1 325	171	110	39	265	740
\$5,000 to \$9,999 -----	1 198	504	125	132	39	73	135	694	211	97	49	125	212
\$10,000 to \$12,499 -----	346	137	63	28	19	20	7	209	69	45	33	45	17
\$12,500 to \$14,999 -----	213	123	33	46	18	7	19	90	6	51	-	12	21
\$15,000 to \$19,999 -----	321	191	27	106	29	23	6	130	17	31	22	34	26
\$20,000 to \$24,999 -----	119	105	-	47	34	24	-	14	-	-	-	8	6
\$25,000 to \$34,999 -----	102	102	13	19	25	45	-	-	-	-	-	-	-
\$35,000 to \$49,999 -----	52	52	11	-	4	37	-	-	-	-	-	-	-
\$50,000 or more -----	6	6	-	-	6	-	-	-	-	-	-	-	-
Median -----	\$5 707	\$7 204	\$6 221	\$9 348	\$14 306	\$9 632	\$4 831	\$4 775	\$6 875	\$8 000	\$8 125	\$4 762	\$4 083
Mean -----	\$8 269	\$10 785	\$8 014	\$11 098	\$18 214	\$14 783	\$6 043	\$6 377	\$6 634	\$8 469	\$8 402	\$6 746	\$5 115
GROSS RENT													
Specified renter-occupied housing units -----	4 216	1 775	439	478	206	316	336	2 441	465	329	143	489	1 015
Less than \$100 -----	476	217	13	18	30	49	107	259	7	8	-	35	209
\$100 to \$149 -----	677	273	69	65	19	24	96	404	57	24	7	105	211
\$150 to \$199 -----	1 035	463	122	153	38	68	82	572	59	96	58	111	248
\$200 to \$249 -----	1 035	398	127	102	50	92	27	637	223	126	46	108	134
\$250 to \$299 -----	523	213	38	80	42	46	7	310	59	53	32	88	78
\$300 to \$349 -----	142	87	26	22	6	33	-	55	31	4	-	7	13
\$350 to \$399 -----	60	28	-	22	6	-	-	32	7	-	9	-	9
\$400 to \$499 -----	47	12	12	-	-	-	-	35	11	-	-	-	24
\$500 or more -----	-	-	-	-	-	-	-	-	-	-	-	-	-
No cash rent -----	221	84	32	16	15	4	17	137	11	11	-	26	89
Median -----	\$191	\$187	\$200	\$198	\$207	\$205	\$130	\$194	\$219	\$209	\$205	\$195	\$154
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979 -----	33.5	24.3	38.9	22.6	18.9	20.7	26.8	38.5	37.5	31.9	32.3	39.3	40.6
Income in 1979 below poverty level -----	886	330	141	83	27	52	27	556	126	66	27	131	206
Percent below poverty level -----	20.5	17.8	30.6	16.5	13.1	16.1	7.5	22.6	26.6	19.8	18.9	26.8	20.2

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA		Total	Less than 2 months	2 up to 6 months	6 or more months
					Vacant for rent housing units	Rooms				
Vacant for sale only housing units	801	435	225	141	Vacant for rent housing units	1 033	852	97	84	
ROOMS					Rooms					
1 to 3 rooms	64	21	23	20	1 room	38	38	—	—	
4 rooms	111	42	51	18	2 rooms	56	40	—	16	
5 rooms	237	177	28	32	3 rooms	255	172	44	39	
6 rooms	197	94	60	43	4 rooms	441	415	26	—	
7 rooms	137	86	23	28	5 rooms	207	167	23	17	
8 or more rooms	55	15	40	—	6 rooms	29	20	4	5	
Median	5.5	5.4	5.7	5.5	7 or more rooms	7	—	—	7	
PLUMBING FACILITIES					Median	3.9	3.9	3.7	3.2	
Complete plumbing for exclusive use	787	428	225	134	PLUMBING FACILITIES					
Lacking complete plumbing for exclusive use	14	7	—	7	Complete plumbing for exclusive use	992	820	97	75	
BEDROOMS					Lacking complete plumbing for exclusive use	41	32	—	9	
None	8	—	—	8	BEDROOMS					
1	56	28	23	5	None	52	52	—	—	
2	256	147	68	41	1	295	214	37	44	
3	357	207	82	68	2	556	480	48	28	
4	109	53	37	19	3	130	106	12	12	
5 or more	15	—	15	—	4	—	—	—	—	
5 or more	—	—	—	—	5 or more	—	—	—	—	
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT					
1975 to March 1980	404	242	90	72	1975 to March 1980					
1970 to 1974	64	17	29	18	1970 to 1974	320	288	4	28	
1960 to 1969	185	88	72	25	1960 to 1969	190	183	3	4	
1950 to 1959	55	40	8	7	1950 to 1959	181	90	66	25	
1940 to 1949	73	48	20	14	1940 to 1949	135	116	5	14	
1939 or earlier	20	—	6	—	1939 or earlier	99	83	8	8	
1939 or earlier	—	—	—	—	1939 or earlier	108	92	11	5	
UNITS IN STRUCTURE					UNITS IN STRUCTURE					
1, detached or attached	638	356	167	115	1, detached or attached	326	263	43	20	
2 or more	5	—	—	5	2	16	16	—	—	
Mobile home or trailer	158	79	58	21	3 and 4	121	90	—	31	
HEATING EQUIPMENT					5 to 9	135	127	—	8	
Central heating system	608	355	155	98	10 to 49	263	244	19	—	
Other means	182	80	59	43	50 or more	51	51	—	—	
None	11	—	11	—	Mobile home or trailer	121	61	35	25	
PRICE ASKED					RENT ASKED					
Specified vacant for sale only housing units	604	352	145	107	Specified vacant for rent housing units					
Less than \$10,000	—	—	—	—	Less than \$100	1 001	827	90	84	
\$10,000 to \$19,999	31	11	20	—	\$100 to \$149	63	42	12	9	
\$20,000 to \$29,999	5	—	—	—	\$150 to \$199	80	70	10	—	
\$30,000 to \$39,999	15	9	6	10	\$200 to \$249	254	219	17	18	
\$40,000 to \$49,999	57	42	5	—	\$250 to \$299	335	286	37	12	
\$50,000 to \$59,999	46	34	12	10	\$300 to \$399	141	115	2	24	
\$60,000 to \$79,999	188	130	17	41	\$400 or more	88	64	7	17	
\$80,000 to \$99,999	158	88	42	28	Median	40	31	5	4	
\$100,000 or more	104	38	43	23	Median	213	213	206	253	
Median	\$73 400	\$66 500	\$83 400	\$79 200	Median	\$213	\$213	\$206	\$253	

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more
Total	604	—	36	72	392	104	73 400	1 001	63	334	476	88	40
PLUMBING FACILITIES													
Complete plumbing for exclusive use	593	—	29	72	388	104	75 100	967	54	326	459	88	40
Lacking complete plumbing for exclusive use	11	—	7	—	4	—	17 000	34	9	8	17	—	20
BEDROOMS													
None	—	—	—	—	—	—	—	52	—	23	29	—	203
1	31	—	31	—	—	—	16 100	268	25	126	98	12	189
2	173	—	5	66	102	—	52 600	551	19	156	284	66	227
3	305	—	—	6	240	59	79 000	130	19	29	65	10	226
4	95	—	—	—	50	45	99 100	—	—	—	—	7	—
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT													
1975 to March 1980	351	—	—	14	264	73	82 500	314	9	38	205	41	248
1970 to 1974	22	—	5	4	13	103 800	190	9	74	98	5	4	206
1960 to 1969	116	—	7	12	79	18	64 800	167	7	46	95	4	15
1950 to 1959	30	—	—	12	18	—	52 100	130	30	52	34	14	—
1940 to 1949	73	—	29	29	15	—	39 200	92	3	57	24	8	181
1939 or earlier	12	—	—	12	—	77 500	108	5	67	20	16	—	164
UNITS IN STRUCTURE													
1, detached or attached	604	—	36	72	392	104	73 400	294	24	89	92	56	33
2 or more	•••	•••	•••	•••	•••	•••	•••	586	24	198	328	32	4
Mobile home or trailer	•••	•••	•••	•••	•••	•••	•••	121	15	47	56	3	3

Table B—1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**Redding city**

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
<b>Specified owner-occupied housing units</b>	<b>7 331</b>	<b>20</b>	<b>159</b>	<b>327</b>	<b>567</b>	<b>1 211</b>	<b>1 631</b>	<b>1 894</b>	<b>947</b>	<b>430</b>	<b>145</b>	<b>58 100</b>	<b>64 100</b>
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	5 400	7	76	165	315	855	1 183	1 533	733	408	125	61 000	67 500
15 to 24 years	123	—	—	8	24	13	20	44	14	—	—	59 100	56 600
25 to 34 years	1 046	—	—	—	21	158	301	336	164	52	14	61 400	68 000
35 to 44 years	1 128	—	—	36	57	118	207	362	204	82	62	69 300	75 400
45 to 64 years	2 187	7	33	46	96	372	448	644	310	199	32	62 600	68 000
65 years and over	916	—	43	75	117	194	207	147	41	75	17	51 100	57 600
Male householder, no wife present	697	13	19	61	83	133	163	146	60	9	10	51 700	54 400
15 to 24 years	45	8	—	—	9	6	22	—	—	—	—	54 600	50 700
25 to 34 years	220	—	—	10	15	32	86	44	33	—	—	55 100	59 000
35 to 44 years	80	—	—	—	—	21	23	36	—	—	—	56 700	58 800
45 to 64 years	165	5	—	27	8	21	26	38	21	9	10	56 300	63 200
65 years and over	187	—	19	24	60	50	22	6	6	—	—	39 200	40 400
Female householder, no husband present	1 234	—	64	101	169	223	285	215	154	13	10	51 700	54 400
15 to 24 years	5	—	—	—	5	—	—	—	—	—	—	37 500	37 500
25 to 34 years	123	—	—	—	—	14	26	51	32	—	—	65 200	68 400
35 to 44 years	214	—	—	16	39	38	46	45	21	9	—	52 100	56 900
45 to 64 years	361	—	4	13	23	83	86	68	82	2	—	55 900	60 400
65 years and over	531	—	60	72	102	88	127	51	19	2	10	44 800	46 200
Median age	50.4	51.4	74.3	65.8	64.4	54.6	49.0	45.2	45.3	51.1	44.5	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	1 145	—	20	12	40	103	276	353	248	63	30	67 800	70 900
1975 to 1978	2 161	—	6	66	78	274	492	663	363	159	60	64 000	70 900
1970 to 1974	1 239	7	20	54	107	209	266	329	154	76	17	57 800	63 700
1960 to 1969	1 475	—	34	97	154	299	286	358	132	101	14	54 200	59 800
1959 or earlier	1 311	13	79	98	188	326	311	191	50	31	24	48 400	51 900
<b>ROOMS</b>													
1 to 3 rooms	144	13	5	41	38	25	8	6	8	—	—	35 500	36 300
4 rooms	747	—	69	134	127	187	140	68	16	6	—	42 700	42 600
5 rooms	2 542	—	79	128	222	608	786	499	175	29	16	52 300	54 400
6 rooms	2 128	7	6	16	147	313	504	782	246	95	12	61 700	64 500
7 rooms	1 205	—	—	8	25	71	183	387	327	153	51	71 300	81 900
8 or more rooms	565	—	—	—	8	7	10	152	175	147	66	91 300	103 200
Median	5.6	3.3	4.6	4.4	5.0	5.1	5.3	6.0	6.6	7.1	7.4	...	...
<b>BEDROOMS</b>													
None	—	—	—	—	—	—	—	—	—	—	—	—	—
1	128	5	—	41	45	21	8	—	8	—	—	32 800	36 500
2	1 487	8	95	218	236	380	263	167	79	41	—	44 800	47 100
3	4 710	7	64	68	260	751	1 219	1 384	599	264	94	59 900	66 100
4	862	—	—	—	26	51	133	268	247	103	34	76 500	81 200
5 or more	144	—	—	—	—	8	8	75	14	22	17	77 200	94 300
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	1 416	—	—	13	7	81	257	497	384	121	56	75 700	79 600
1970 to 1974	725	—	—	18	13	65	128	224	157	93	27	72 000	78 100
1960 to 1969	1 889	—	9	15	106	267	464	627	271	121	9	62 100	66 300
1950 to 1959	1 970	—	55	92	195	530	562	342	78	80	36	51 600	56 700
1940 to 1949	717	—	43	68	188	154	115	118	20	—	11	43 600	47 900
1939 or earlier	614	20	52	121	58	114	105	86	37	15	6	43 900	47 300
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	459	—	54	65	106	66	70	69	—	6	23	41 100	51 700
\$5,000 to \$9,999	851	5	42	88	122	204	180	122	73	12	3	48 600	51 000
\$10,000 to \$12,499	576	—	8	65	88	144	122	97	52	—	—	48 900	51 300
\$12,500 to \$14,999	624	8	26	29	33	116	193	147	51	21	—	54 200	56 900
\$15,000 to \$19,999	972	7	10	33	85	142	281	217	143	39	15	56 600	62 900
\$20,000 to \$24,999	1 068	—	6	8	59	205	294	313	128	31	24	58 600	63 500
\$25,000 to \$34,999	1 484	—	4	32	55	248	344	502	205	75	19	61 900	65 700
\$35,000 to \$49,999	821	—	9	7	10	80	123	274	207	103	8	75 200	76 500
\$50,000 or more	476	—	—	—	9	6	24	153	88	143	53	90 500	101 200
Median	\$20 818	\$14 063	\$6 932	\$10 404	\$11 577	\$18 067	\$19 455	\$24 708	\$26 162	\$40 101	\$26 250	...	...
Mean	\$23 852	\$13 152	\$10 504	\$11 552	\$14 428	\$18 816	\$20 280	\$26 690	\$30 683	\$42 493	\$49 819	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	5 432	—	10	160	324	823	1 261	1 592	798	351	113	61 400	67 600
Less than 15 percent	2 039	—	4	27	112	365	424	639	235	192	41	62 500	69 100
15 to 19 percent	884	—	—	38	65	122	235	293	92	39	—	59 100	61 000
20 to 24 percent	876	—	—	15	44	150	226	216	178	22	25	60 200	68 000
25 to 29 percent	442	—	—	20	25	27	116	153	69	32	—	62 800	66 900
30 to 34 percent	325	—	6	23	20	86	66	49	42	25	8	53 100	61 900
35 percent or more	828	—	—	29	58	73	180	226	182	41	39	69 000	73 300
Not computed	38	—	—	8	—	—	14	16	—	—	—	57 900	56 100
Median	18.7	—	30.8	23.7	18.8	16.9	19.2	17.5	22.0	14.3	23.1	...	...
Not mortgaged	1 899	20	149	167	243	388	370	302	149	79	32	49 500	54 000
Less than 10 percent	1 105	20	84	88	94	259	234	171	94	52	9	50 200	53 300
10 to 14 percent	351	—	27	19	50	63	77	52	36	27	—	51 900	55 800
15 to 19 percent	137	—	16	42	16	15	9	39	—	—	—	38 300	41 800
20 to 24 percent	128	—	4	5	41	24	33	21	—	—	—	47 100	48 100
25 to 29 percent	66	—	—	—	30	6	11	6	13	—	—	42 500	50 600
30 to 34 percent	38	—	18	13	—	—	—	7	—	—	—	20 400	31 000
35 percent or more	45	—	—	—	12	21	6	—	6	—	—	46 000	49 600
Not computed	29	—	—	—	—	—	6	—	—	—	23	192 500	188 400
Median	10—	10—	10—	10—	12.7	10—	10—	10—	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	7 331	20	159	327	567	1 211	1 631	1 894	947	430	145	58 100	64 100
1 or more persons per room	109	7	—	—	15	19	45	23	—	—	—	53 200	49 700
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
1 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	7 331	20	159	327	567	1 211	1 631	1 894	947	430	145	58 100	64 100
Central heating system	5 787	15	91	156	350	804	1 285	1 620	905	416	145	62 000	68 200
Air conditioning	5 762	8	77	201	384	811	1 178	1 614	917	427	145	62 200	68 300
Central system	4 450	—	12	56	179	463	876	1 433	882	404	145	68 100	74 400
Income in 1979 below poverty level	290	—	20	36	39	43	51	58	8	12	23	51 100	63 900
Percent below poverty level	4.0	—	12.6	11.0	6.9	3.6	3.1	3.1	0.8	2.8	15.9	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

## Redding city

## Specified renter-occupied housing units

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
7 767	370	485	1 094	2 023	1 878	833	425	421	106	132	246	
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	2 687	53	54	257	606	619	447	242	257	99	53	280
15 to 24 years	513	6	9	53	159	168	89	20	9	—	—	260
25 to 34 years	1 038	—	12	65	226	292	160	141	116	18	8	287
35 to 44 years	376	—	—	15	75	58	65	32	92	26	13	326
45 to 64 years	509	14	—	87	79	90	104	37	40	44	14	288
65 years and over	251	33	33	37	67	11	29	12	11	18	18	210
Male householder, no wife present	1 910	136	146	368	550	414	133	76	60	—	27	221
15 to 24 years	649	13	66	124	232	123	42	20	15	—	14	221
25 to 34 years	613	23	27	98	155	189	44	31	33	—	13	249
35 to 44 years	253	6	19	35	63	79	14	25	12	—	—	252
45 to 64 years	222	24	19	44	79	23	33	—	—	—	—	209
65 years and over	173	70	15	67	21	—	—	—	—	—	—	151
Female householder, no husband present	3 170	181	285	469	867	845	253	107	104	7	52	237
15 to 24 years	857	—	57	90	389	233	61	27	—	—	—	238
25 to 34 years	798	5	37	134	168	242	111	52	49	—	—	263
35 to 44 years	422	—	16	51	68	168	56	28	21	7	7	272
45 to 64 years	438	37	38	87	127	121	19	—	4	—	5	226
65 years and over	655	139	137	107	115	81	6	—	30	—	40	162
Median age	32.2	68.8	44.8	34.4	28.1	29.6	32.0	31.6	34.4	45.4	52.9	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	4 606	86	208	547	1 214	1 258	576	297	298	72	50	259
1975 to 1978	2 485	166	203	401	692	529	206	115	104	25	44	234
1970 to 1974	398	81	51	89	79	44	32	6	7	9	—	179
1960 to 1969	202	30	13	57	22	39	19	—	—	—	22	169
1959 or earlier	76	7	10	—	16	8	—	7	12	—	16	239
<b>ROOMS</b>												
1 room	327	49	105	83	63	12	10	5	—	—	—	153
2 rooms	699	41	108	254	251	35	5	—	—	—	5	191
3 rooms	1 679	153	134	382	708	194	66	13	7	—	22	210
4 rooms	3 142	88	109	294	785	1 266	413	84	59	6	38	261
5 rooms	1 264	32	20	43	168	302	265	188	194	35	17	311
6 rooms	502	7	9	22	40	44	68	109	110	43	50	367
7 or more rooms	154	—	—	16	8	25	6	26	51	22	—	392
Median	3.9	3.1	2.7	3.0	3.5	4.1	4.3	5.1	5.2	5.8	4.6	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979	7 767	370	485	1 094	2 023	1 878	833	425	421	106	132	246
Complete plumbing for exclusive use	7 736	350	474	1 094	2 023	1 878	833	425	421	106	132	247
0.50 or less	4 319	264	300	732	1 126	1 111	333	171	122	69	91	235
0.51 to 1.00	3 080	79	174	315	768	733	454	225	254	37	41	264
1.01 to 1.50	240	—	—	37	72	28	38	20	45	—	—	276
1.51 or more	97	7	—	10	57	6	8	9	—	—	—	222
Lacking complete plumbing for exclusive use	31	20	11	—	—	—	—	—	—	—	—	97
0.50 or less	11	—	11	—	—	—	—	—	—	—	—	115
0.51 to 1.00	20	20	—	—	—	—	—	—	—	—	—	93
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	1 344	115	116	140	423	250	132	72	67	10	19	235
Complete plumbing for exclusive use	1 334	105	116	140	423	250	132	72	67	10	19	235
1.01 or more persons per room	114	7	—	19	50	6	13	10	9	—	—	224
Locking complete plumbing for exclusive use	10	10	—	—	—	—	—	—	—	—	—	95
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	402	60	125	105	85	12	10	5	—	—	—	155
1	2 311	204	233	677	1 009	129	21	13	7	—	18	201
2	3 767	86	117	271	841	1 573	619	99	72	36	53	267
3	1 145	20	10	41	85	148	183	275	263	59	61	360
4	142	—	—	—	3	16	—	33	79	11	—	424
5 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	2 641	50	149	351	510	442	280	317	365	91	86	275
2	367	4	23	94	67	126	23	6	15	9	—	246
3 and 4	1 018	7	69	50	260	350	208	39	29	6	—	270
5 to 9	1 073	90	56	198	349	212	123	33	12	—	—	222
10 to 49	1 834	153	54	254	656	543	114	25	—	—	35	235
50 or more	689	43	119	95	153	189	85	5	—	—	—	234
Mobile home or trailer, etc.	145	23	15	52	28	16	—	—	—	—	11	191
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	2 220	25	21	69	632	896	264	113	118	53	29	274
1970 to 1974	1 193	137	107	108	241	284	205	38	67	6	—	250
1960 to 1969	1 528	33	29	258	373	342	193	109	132	26	33	258
1950 to 1959	1 171	56	61	273	332	135	90	105	93	10	16	230
1940 to 1949	949	37	128	219	288	139	42	48	11	11	26	216
1939 or earlier	706	82	139	167	157	82	39	12	—	—	28	174
<b>STORIES IN STRUCTURE</b>												
1 to 3	7 767	370	485	1 094	2 023	1 878	833	425	421	106	132	246
4 or more	—	—	—	—	—	—	—	—	—	—	—	—
With elevator	—	—	—	—	—	—	—	—	—	—	—	—
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent	1 269	104	97	201	334	328	122	24	41	18	—	235
15 to 19 percent	1 221	125	82	169	232	330	137	68	78	—	—	250
20 to 24 percent	1 114	53	55	171	277	256	143	91	37	31	—	250
25 to 29 percent	731	36	31	131	160	161	108	31	66	7	—	252
30 to 34 percent	616	—	50	64	159	162	84	45	38	14	—	260
35 to 49 percent	1 266	39	93	185	372	308	95	82	77	15	—	243
50 percent or more	1 332	5	77	152	475	306	134	84	78	21	—	245
Not computed	218	8	—	21	14	27	10	—	6	—	132	250
Median	26.2	18.1	26.4	24.9	30.0	25.4	25.4	29.8	28.9	27.9	—	—
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	7 753	370	485	1 090	2 023	1 878	823	425	421	106	132	246
Central heating system	6 248	319	349	714	1 630	1 648	705	332	356	106	89	252
Air conditioning	6 418	259	330	820	1 805	1 668	725	284	315	98	114	248
Central system	3 329	180	98	128	578	1 173	618	180	245	83	46	279

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

Redding city

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Owner-occupied housing units	8 956	760	1 169	723	740	1 236	1 176	1 697	916	539	19 379	22 652	440
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	6 292	127	629	426	426	896	1 008	1 476	826	478	23 152	26 201	153	
15 to 24 years	135	—	14	24	8	17	37	24	11	—	20 402	19 942	—	
25 to 34 years	1 139	7	26	53	68	244	305	314	104	18	22 952	23 702	18	
35 to 44 years	1 230	8	44	29	59	155	168	427	205	135	28 804	32 573	16	
45 to 64 years	2 564	65	181	163	153	332	360	562	463	285	25 363	29 158	79	
65 years and over	1 224	47	364	157	138	148	138	149	43	40	13 297	16 617	40	
Male householder, no wife present	873	94	194	52	128	138	46	107	66	48	14 385	19 500	52	
15 to 24 years	55	7	10	—	29	—	—	—	—	9	13 405	18 903	—	
25 to 34 years	239	8	14	25	35	67	13	31	29	17	18 007	26 345	18	
35 to 44 years	130	14	18	—	14	28	—	37	13	6	18 875	21 337	12	
45 to 64 years	234	7	63	27	19	12	27	39	24	16	15 357	21 411	43	
65 years and over	215	58	89	—	31	31	6	—	—	6 996	8 854	22		
Female householder, no husband present	1 791	539	346	245	186	202	122	114	24	13	10 107	11 722	235	
15 to 24 years	11	—	11	—	—	—	—	—	—	—	7 708	8 144	—	
25 to 34 years	142	29	36	17	20	18	—	14	8	—	10 882	13 132	36	
35 to 44 years	256	17	19	94	19	57	31	13	—	6	12 447	15 168	17	
45 to 64 years	505	68	53	89	106	57	64	45	16	7	13 502	15 671	43	
65 years and over	877	425	227	45	41	70	27	42	—	—	5 264	8 259	139	
Median age	52.2	70.4	68.8	56.9	54.1	47.1	46.5	44.8	48.3	49.3	... ...	... ...	63.5	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	1 472	70	118	139	133	197	253	289	189	84	21 688	24 289	50	
1975 to 1978	2 727	159	296	223	209	425	383	563	296	173	20 628	24 231	112	
1970 to 1974	1 569	106	255	146	120	212	184	264	189	93	18 761	22 015	61	
1960 to 1969	1 726	189	203	101	136	258	188	324	190	137	19 542	23 228	106	
1959 or earlier	1 462	236	297	114	142	144	168	257	52	52	13 979	18 063	111	
<b>SELECTED CHARACTERISTICS</b>														
Complete plumbing for exclusive use	8 949	760	1 169	716	740	1 236	1 176	1 697	916	539	19 394	22 662	440	
1 or more persons per room	142	8	9	22	31	30	11	11	20	—	15 114	18 413	19	
Lacking complete plumbing for exclusive use	7	—	—	7	—	—	—	—	—	—	11 250	10 235	—	
1 or more persons per room	7	—	—	7	—	—	—	—	—	—	11 250	10 235	—	
Heating equipment	8 956	760	1 169	723	740	1 236	1 176	1 697	916	539	19 379	22 652	440	
Central heating system	7 162	555	887	475	567	1 026	906	1 431	806	509	20 385	23 921	330	
Air conditioning	6 963	498	810	486	578	1 032	877	1 388	801	493	20 411	24 159	309	
Vehicles available	8 586	506	1 098	706	727	1 231	1 176	1 687	916	539	20 104	23 372	371	
1	2 246	331	575	303	263	331	161	194	62	26	11 790	14 330	171	
2 or more	6 340	175	523	403	464	900	1 015	1 493	854	513	23 459	26 575	200	
House heating fuel	8 956	760	1 169	723	740	1 236	1 176	1 697	916	539	19 379	22 652	440	
Utility gas	5 415	518	710	395	414	833	685	985	548	327	19 093	22 563	315	
Bottled, tank, or LP gas	170	6	36	36	14	21	8	38	6	5	13 750	17 716	6	
Electricity	2 817	201	346	203	278	303	398	575	328	185	20 994	23 761	100	
Fuel oil, kerosene, etc.	65	14	13	10	8	5	—	—	—	7	11 375	15 465	—	
Other	489	21	64	79	26	74	77	99	34	15	18 375	19 924	19	
Median rooms	5.4	4.3	4.7	5.1	5.3	5.4	5.5	5.8	6.2	6.5	...	...	4.7	
Specified owner-occupied housing units	7 331	459	851	576	624	972	1 068	1 484	821	476	20 818	23 852	290	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>														
With a mortgage	5 432	143	449	448	394	756	871	1 205	721	445	22 937	26 459	148	
Less than \$200	1 034	50	182	146	89	134	132	199	84	18	16 736	19 339	48	
\$200 to \$249	706	45	72	71	89	116	85	147	39	42	18 571	21 106	37	
\$250 to \$299	574	—	58	47	41	95	91	127	80	35	21 979	25 073	—	
\$300 to \$349	509	21	20	46	44	83	86	113	59	37	21 250	24 712	15	
\$350 to \$399	599	—	35	30	36	105	149	126	78	40	22 420	27 653	14	
\$400 to \$449	904	13	41	66	58	103	173	190	161	99	24 066	29 253	21	
\$500 to \$599	641	7	27	34	17	75	101	195	109	76	26 338	31 759	13	
\$600 to \$749	311	7	7	8	20	22	46	64	83	54	28 687	40 255	—	
\$750 or more	154	—	7	—	—	23	8	44	28	44	30 244	38 773	—	
Median	\$339	\$224	\$230	\$257	\$273	\$320	\$364	\$357	\$411	\$449	...	...	\$235	
Not mortgaged	1 899	316	402	128	230	216	197	279	100	31	13 625	16 395	142	
Less than \$50	100	35	28	14	8	—	—	6	9	—	8 088	10 811	—	
\$50 to \$74	561	151	185	28	55	40	46	51	5	—	8 308	11 379	62	
\$75 to \$99	567	64	107	53	77	71	43	85	61	6	14 432	17 768	29	
\$100 to \$124	327	43	42	20	53	40	60	62	7	—	15 529	16 793	18	
\$125 to \$149	165	—	14	8	25	40	24	48	6	—	19 531	21 008	—	
\$150 to \$199	124	—	26	—	12	25	24	20	5	12	19 643	23 691	—	
\$200 to \$249	40	10	—	5	—	—	—	7	7	11	26 786	36 197	10	
\$250 or more	15	13	—	—	—	—	—	—	—	2	2500—	16 805	13	
Median	\$88	\$70	\$73	\$85	\$92	\$99	\$104	\$99	\$90	\$190	...	...	\$75	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
With a mortgage	5 432	143	449	448	394	756	871	1 205	721	445	22 937	26 459	148	
Less than 15 percent	2 039	—	15	36	47	168	267	603	494	409	32 693	38 503	—	
15 to 19 percent	884	—	29	62	85	135	152	242	168	11	24 367	25 631	10	
20 to 24 percent	876	—	39	92	81	138	249	211	49	17	21 517	22 253	—	
25 to 29 percent	442	—	40	45	32	111	106	98	10	—	19 602	19 396	—	
30 to 34 percent	325	12	80	37	38	81	56	21	—	—	14 704	14 685	—	
35 percent or more	828	93	246	176	111	123	41	30	—	8	11 065	11 792	100	
Not computed	38	38	—	—	—	—	—	—	—	—	—	—	38	
Median	18.7	50+	37.6	28.8	24.0	22.7	20.3	15.0	12.7	10—	...	...	50+	
Not mortgaged	1 899	316	402	128	230	216	197	279	100	31	13 625	16 395	142	
Less than 10 percent	1 105	8	93	72	161	164	197	279	100	31	21 262	23 201	5	
10 to 14 percent	351	29	165	43	62	52	—	—	—	—	9 159	9 893	5	
15 to 19 percent	137	58	64	8	7	—	—	—	—	—	5 453	6 009	10	
20 to 24 percent	128	75	53	—	—	—	—	—	—	—	4 613	4 977	22	
25 to 29 percent	66	47	14	5	—	—	—	—	—	—	3 971	4 514	20	
30 to 34 percent	38	31	7	—	—	—	—	—	—	—	4 032	4 440	12	
35 percent or more	45	39	6	—	—	—	—	—	—	—	2500—	2 184	39	
Not computed	29	29	—	—	—	—	—	—	—	—	2500—	—	29	
Median	10—	23.2	13.3	10—	10—	10—	10—	10—	10—	10—	...	...	28.6	

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**Redding city**

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Renter-occupied housing units	7 830	1 607	2 057	839	742	1 032	651	627	206	69	10 748	13 291	1 344
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Morried-couple families	2 721	186	564	338	287	496	345	341	126	38	14 874	16 821	262	
15 to 24 years	524	48	122	61	44	131	46	66	6	—	14 261	14 572	73	
25 to 34 years	1 054	44	173	120	132	257	155	132	27	14	16 261	17 124	76	
35 to 44 years	383	15	30	72	33	45	76	73	30	9	19 764	20 900	31	
45 to 64 years	509	71	63	64	51	57	55	70	63	15	15 509	19 115	77	
65 years and over	251	8	176	21	27	6	13	—	—	—	8 427	9 371	5	
<b>Mole householder, no wife present</b>	1 922	412	420	201	177	256	208	176	55	17	11 604	14 424	286	
15 to 24 years	649	185	152	96	77	82	11	23	23	—	9 461	10 513	173	
25 to 34 years	625	73	115	53	51	114	126	70	12	11	15 884	17 978	53	
35 to 44 years	253	22	44	23	29	37	54	38	—	6	16 181	19 382	33	
45 to 64 years	222	60	28	22	7	23	17	45	20	—	12 857	16 262	27	
65 years and over	173	72	81	7	13	—	—	—	—	—	5 863	6 641	—	
<b>Female householder, no husband present</b>	3 187	1 009	1 073	300	278	280	98	110	25	14	7 815	9 594	796	
15 to 24 years	866	221	364	90	71	75	14	22	—	9	8 164	9 378	289	
25 to 34 years	798	175	283	56	134	61	37	35	17	—	9 090	10 927	182	
35 to 44 years	422	78	104	98	32	64	8	38	—	—	10 740	11 576	84	
45 to 64 years	438	124	144	49	14	54	33	7	8	5	7 958	10 961	91	
65 years and over	663	411	178	7	27	26	6	8	—	—	4 431	6 107	150	
Median age	32.1	38.6	31.6	32.1	29.5	29.0	32.5	33.5	38.9	40.2	...	...	30.0	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	4 628	913	1 142	471	456	648	406	417	126	49	11 375	13 912	922	
1975 to 1978	2 509	552	702	300	239	307	196	167	41	5	10 004	11 998	388	
1970 to 1974	406	74	122	62	27	40	25	15	32	9	10 282	14 304	24	
1960 to 1969	211	44	73	6	13	31	17	21	—	6	9 073	13 012	10	
1959 or earlier	76	24	18	—	7	6	7	7	7	—	9 167	13 514	—	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>														
Complete plumbing for exclusive use	7 799	1 587	2 046	839	742	1 032	651	627	206	69	10 794	13 326	1 334	
0.50 or less	4 369	1 101	1 210	454	348	461	338	315	104	38	9 429	12 521	650	
0.51 to 1.00	3 093	452	758	337	370	513	266	278	97	22	12 496	14 142	570	
1.01 to 1.50	240	14	47	42	24	31	39	29	5	9	14 271	17 875	78	
1.51 or more	97	20	31	6	—	27	8	5	—	—	9 632	12 288	36	
Lacking complete plumbing for exclusive use	31	20	11	—	—	—	—	—	—	—	4 437	4 555	10	
0.50 or less	11	—	11	—	—	—	—	—	—	—	6 250	5 660	—	
0.51 to 1.00	20	20	—	—	—	—	—	—	—	—	3 750	3 948	10	
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>SELECTED CHARACTERISTICS</b>														
Heating equipment	7 816	1 607	2 043	839	742	1 032	651	627	206	69	10 769	13 304	1 340	
Central heating system	6 305	1 251	1 595	688	585	852	537	571	177	49	11 114	13 614	1 042	
Air conditioning	6 464	1 335	1 654	655	644	859	529	518	201	69	10 927	13 576	1 085	
Central system	3 364	593	779	276	361	500	358	311	125	61	12 735	15 094	541	
Vehicles available	6 885	1 065	1 755	810	710	1 006	645	619	206	69	11 921	14 296	1 053	
1	1	—	—	—	—	—	—	—	—	—	8 865	10 664	680	
2 or more	3 612	812	1 304	418	329	358	179	160	52	—	—	—	—	
House heating fuel	7 816	1 607	2 043	839	742	1 032	651	627	206	69	10 769	13 304	1 340	
Utility gas	3 347	589	831	408	288	466	390	246	97	32	11 553	13 861	528	
Bottled, tank, or LP gas	88	30	16	24	—	7	5	—	6	—	9 688	10 249	21	
Electricity	4 187	971	1 161	382	412	537	238	357	92	37	9 833	12 813	771	
Fuel oil, kerosene, etc.	41	6	6	18	—	7	—	4	—	—	11 181	12 435	—	
Other	153	11	29	7	42	15	18	20	11	—	14 256	16 533	20	
Median rooms	3.9	3.4	3.7	4.0	3.9	4.1	4.4	4.4	4.3	4.4	...	...	3.8	
Specified renter-occupied housing units	7 767	1 607	2 050	839	738	1 017	633	608	206	69	10 675	13 231	1 344	
<b>CONTRACT RENT</b>														
Less than \$100	521	287	168	12	21	7	13	7	6	—	4 706	6 714	157	
\$100 to \$149	794	255	263	106	41	80	31	7	11	—	7 276	8 996	136	
\$150 to \$199	1 821	495	597	226	173	157	89	55	20	9	8 477	10 221	336	
\$200 to \$249	2 142	327	612	245	193	341	200	172	43	9	11 347	13 269	386	
\$250 to \$299	1 423	127	235	157	177	263	184	198	58	24	15 369	18 171	151	
\$300 to \$349	499	52	70	83	76	77	72	50	10	9	13 964	15 576	98	
\$350 to \$399	307	27	25	10	33	63	20	78	51	—	19 750	21 974	45	
\$400 to \$449	111	11	11	—	6	22	14	29	—	18	20 982	26 838	11	
\$500 or more	17	5	—	—	—	—	—	12	—	—	26 250	20 627	5	
No cash rent	132	21	69	—	18	7	10	—	7	—	7 250	10 486	19	
Median	\$216	\$179	\$196	\$215	\$232	\$240	\$245	\$261	\$273	\$283	...	...	\$204	
<b>GROSS RENT</b>														
Less than \$100	370	224	107	—	12	7	13	7	—	—	4 476	6 318	115	
\$100 to \$149	485	212	190	20	23	18	5	—	17	—	5 876	7 737	116	
\$150 to \$199	1 094	286	377	153	77	129	42	21	—	9	8 407	9 780	140	
\$200 to \$249	2 023	460	629	241	214	188	147	103	38	3	9 369	11 378	423	
\$250 to \$299	1 878	225	448	247	182	342	166	213	41	14	12 761	15 036	250	
\$300 to \$349	833	92	133	80	113	150	116	91	42	16	14 967	17 762	132	
\$350 to \$399	425	44	54	61	39	83	71	54	10	9	15 824	16 676	72	
\$400 to \$449	421	33	32	37	60	78	49	81	51	—	18 582	19 973	67	
\$500 or more	106	10	11	—	—	15	14	38	—	18	26 071	28 714	10	
No cash rent	132	21	69	—	18	7	10	—	7	—	7 250	10 486	19	
Median	\$246	\$207	\$224	\$251	\$258	\$273	\$283	\$292	\$304	\$327	...	...	\$235	
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
Less than 15 percent	1 269	7	72	20	43	189	267	413	189	69	25 513	28 206	8	
15 to 19 percent	1 221	76	131	92	156	385	227	144	10	—	17 079	17 039	43	
20 to 24 percent	1 114	53	165	211	265	286	90	44	—	—	13 708	14 129	38	
25 to 29 percent	731	36	231	215	145	72	25	7	—	—	11 145	11 358	46	
30 to 34 percent	616	42	278	174	51	57	14	—	—	—	9 849	10 066	54	
35 to 49 percent	1 266	245	832	108	60	21	—	—	—	—	7 266	7 395	182	
50 percent or more	1 332	1 041	272	19	—	—	—	—	—	—	3 721	3 886	868	
Not computed	218	107	69	—	18	7	10	—	7	—	5 100	6 349	105	
Median	26.2	50+	37.0	27.2	23.0	19.1	16.0	13.4	10—	10—	...	...	50+	

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

**Redding city**

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units</b>	<b>5 432</b>	<b>1 034</b>	<b>706</b>	<b>574</b>	<b>509</b>	<b>599</b>	<b>904</b>	<b>641</b>	<b>311</b>	<b>154</b>	<b>339</b>
<b>PERSONS IN UNIT</b>											
1 person	485	152	88	37	66	39	57	15	31	—	253
2 persons	1 822	556	207	218	126	184	242	180	45	64	284
3 persons	1 210	153	193	148	124	148	246	116	71	11	345
4 persons	1 169	126	149	113	117	149	205	169	91	50	377
5 persons	493	42	42	43	63	40	69	115	54	25	433
6 persons	196	5	19	10	7	22	82	32	19	—	442
7 persons	46	—	—	5	6	17	—	14	—	4	385
8 or more persons	11	—	—	8	—	—	3	—	—	—	234
Median	2.84	2.16	2.80	2.72	3.00	3.02	3.12	3.56	3.59	3.54	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families</b>	<b>4 288</b>	<b>775</b>	<b>514</b>	<b>459</b>	<b>399</b>	<b>483</b>	<b>737</b>	<b>526</b>	<b>273</b>	<b>122</b>	<b>350</b>
15 to 24 years	116	—	8	6	19	22	18	25	6	12	425
25 to 34 years	1 000	37	47	92	113	167	262	196	65	21	413
35 to 44 years	1 076	93	162	66	96	142	197	139	138	43	393
45 to 64 years	1 690	457	238	242	158	121	239	133	64	38	281
65 years and over	406	188	59	53	13	31	21	33	—	8	213
Male householder, no wife present	478	75	55	51	54	44	84	72	23	20	355
15 to 24 years	37	—	—	9	—	15	6	7	—	—	382
25 to 34 years	202	31	7	26	22	29	38	39	—	10	376
35 to 44 years	80	—	8	—	19	—	27	26	—	—	431
45 to 64 years	122	30	28	5	13	—	13	7	16	10	280
65 years and over	37	14	12	11	—	—	—	—	—	—	219
Female householder, no husband present	666	184	137	64	56	72	83	43	15	12	259
15 to 24 years	5	5	—	—	—	—	—	—	—	—	175
25 to 34 years	117	26	—	—	20	16	25	17	7	6	389
35 to 44 years	200	30	33	31	13	34	37	16	—	6	323
45 to 64 years	254	62	77	33	21	22	21	10	8	—	242
65 years and over	90	61	27	—	2	—	—	—	—	—	162
Median age	44.1	56.4	49.2	50.8	41.0	37.7	38.9	37.1	38.8	40.6	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980	1 010	6	6	40	51	157	231	279	145	95	505
1975 to 1978	1 951	118	158	238	232	283	461	275	143	43	391
1970 to 1974	1 068	203	272	138	149	78	143	49	20	16	271
1960 to 1969	1 082	507	245	110	63	66	50	38	3	—	207
1959 or earlier	321	200	25	48	14	15	19	—	—	—	181
<b>ROOMS</b>											
1 to 3 rooms	52	15	8	15	14	—	—	—	—	—	260
4 rooms	375	104	77	46	18	44	30	49	7	—	257
5 rooms	1 838	532	256	215	191	178	242	154	55	15	280
6 rooms	1 701	292	200	187	147	215	346	185	110	19	356
7 rooms	980	75	121	81	94	105	174	160	93	77	409
8 or more rooms	486	16	44	30	45	57	112	93	46	43	434
Median	5.8	5.2	5.6	5.6	5.7	5.9	6.0	6.1	6.3	7.1	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980	1 259	17	21	63	83	164	349	293	189	80	485
1970 to 1974	667	24	113	59	98	68	130	99	46	30	379
1960 to 1969	1 628	356	295	227	150	188	191	150	45	26	286
1950 to 1959	1 250	430	156	155	84	135	162	93	31	4	263
1940 to 1949	384	151	67	30	46	21	55	6	—	8	231
1939 or earlier	244	56	54	40	48	23	17	—	—	6	265
<b>VALUE</b>											
Less than \$10,000	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999	10	10	—	—	—	—	—	—	—	—	142
\$20,000 to \$29,999	160	75	53	13	5	5	9	—	—	—	205
\$30,000 to \$39,999	324	172	61	24	10	23	28	6	—	—	195
\$40,000 to \$49,999	823	297	129	143	124	93	37	—	—	—	244
\$50,000 to \$59,999	1 261	275	185	132	142	160	214	133	13	7	314
\$60,000 to \$79,999	1 592	195	236	162	130	169	347	241	85	27	372
\$80,000 to \$99,999	798	10	38	56	71	105	186	172	127	33	456
\$100,000 to \$149,999	351	—	4	44	27	42	58	76	70	30	501
\$150,000 or more	113	—	—	—	2	25	13	16	57	—	750+
Median	\$61 400	\$48 700	\$54 800	\$55 500	\$56 300	\$61 500	\$72 300	\$76 200	\$86 500	\$120 800	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent	2 039	643	369	292	166	178	229	100	49	13	251
15 to 19 percent	884	155	103	94	100	120	141	100	65	6	345
20 to 24 percent	876	87	90	77	96	124	205	133	29	35	385
25 to 29 percent	442	40	27	24	42	65	78	105	51	10	427
30 to 34 percent	325	54	38	29	26	31	51	55	27	14	375
35 percent or more	828	37	72	58	73	81	200	141	90	76	435
Not computed	38	18	7	6	—	—	7	—	—	207	—
Median	18.7	12.0	14.5	14.9	19.3	20.1	22.0	24.4	26.2	34.6	...
<b>SELECTED CHARACTERISTICS</b>											
Heating equipment	5 432	1 034	706	574	509	599	904	641	311	154	339
Steam or hot water system	13	8	—	—	5	—	—	—	—	—	141
Central warm-air furnace or electric heat pump	3 246	343	369	328	271	339	654	522	279	141	396
Other built-in electric units	478	161	49	54	54	74	51	28	7	—	277
Floor, wall, or pipeless furnace	644	189	122	88	47	77	82	21	18	—	256
Other means	1 051	333	166	104	137	104	117	70	7	13	263
Air conditioning	4 328	698	532	446	400	452	765	583	298	154	360
Central system	3 526	395	407	340	314	399	699	533	298	141	388
1 or more individual room units	802	303	125	106	86	53	66	50	—	13	239
House heating fuel	5 432	1 034	706	574	509	599	904	641	311	154	339
Utility gas	3 359	635	485	396	327	366	549	356	135	110	325
Bottled, tank, or LP gas	101	15	19	—	—	25	14	28	—	—	383
Electricity	1 632	306	126	153	126	181	291	235	176	38	379
Fuel oil, kerosene, etc.	28	—	7	—	13	8	—	—	—	—	327
Other	312	78	69	25	43	19	50	22	—	6	268

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.)

Redding city	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	1 899	100	561	567	327	165	124	40	15	88
PERSONS IN UNIT										
1 person -----	602	60	245	186	77	19	—	15	—	75
2 persons -----	899	40	222	293	176	70	67	18	13	91
3 persons -----	202	—	66	36	40	22	31	7	—	99
4 persons -----	113	—	14	33	10	36	18	—	2	124
5 persons -----	50	—	5	12	24	9	—	—	—	108
6 persons -----	17	—	9	—	—	—	8	—	—	74
7 persons -----	16	—	—	7	—	9	—	—	—	128
8 or more persons -----	—	—	—	—	—	—	—	—	—	—
Median -----	1.89	1.33	1.66	1.83	1.99	2.41	2.43	1.78	2.08	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	1 112	23	267	358	219	123	82	25	15	94
15 to 24 years -----	7	—	—	7	—	—	—	—	—	88
25 to 34 years -----	46	—	12	—	13	21	—	—	—	121
35 to 44 years -----	52	—	14	15	6	17	—	—	—	95
45 to 64 years -----	497	8	94	178	104	49	38	24	2	96
65 years and over -----	510	15	147	158	96	36	44	1	13	90
Male householder, no wife present -----	219	36	71	77	18	6	11	—	—	76
15 to 24 years -----	8	8	—	—	—	—	—	—	—	50—
25 to 34 years -----	18	6	—	6	6	—	—	—	—	88
35 to 44 years -----	—	—	—	—	—	—	—	—	—	—
45 to 64 years -----	43	5	19	7	6	—	6	—	—	72
65 years and over -----	150	17	52	64	6	5	—	—	—	77
Female householder, no husband present -----	568	41	223	132	90	36	31	15	—	79
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	6	—	—	—	—	6	—	—	—	138
35 to 44 years -----	14	—	13	—	1	—	—	—	—	63
45 to 64 years -----	107	6	14	39	22	9	17	—	—	96
65 years and over -----	441	35	196	93	67	21	14	15	—	74
Median age -----	67.2	70.0	71.3	66.3	65.5	60.4	65.3	63.8	67.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	135	9	16	32	39	29	10	—	—	107
1975 to 1978 -----	210	—	45	42	51	46	26	—	—	109
1970 to 1974 -----	171	6	67	58	26	5	7	—	2	80
1960 to 1969 -----	393	5	105	168	80	6	29	—	—	88
1959 or earlier -----	990	80	328	267	131	79	52	40	13	83
ROOMS										
1 to 3 rooms -----	92	18	52	15	7	—	—	—	—	63
4 rooms -----	372	40	163	107	50	—	12	—	—	72
5 rooms -----	704	42	256	184	121	51	38	12	—	82
6 rooms -----	427	—	78	178	94	37	40	—	—	94
7 rooms -----	225	—	12	69	42	56	12	21	13	119
8 or more rooms -----	79	—	—	14	13	21	22	7	2	140
Median -----	5.2	4.3	4.8	5.4	5.4	6.4	5.8	6.9	7.1	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	157	—	6	31	40	50	30	—	—	126
1970 to 1974 -----	58	—	5	16	13	11	13	—	—	115
1960 to 1969 -----	261	5	36	102	81	25	12	—	—	97
1950 to 1959 -----	720	41	180	256	115	54	25	34	15	89
1940 to 1949 -----	333	20	162	86	39	19	7	—	—	73
1939 or earlier -----	370	34	172	76	39	6	37	6	—	72
VALUE										
Less than \$10,000 -----	20	13	—	7	—	—	—	—	—	50—
\$10,000 to \$19,999 -----	149	36	76	19	18	—	—	—	—	63
\$20,000 to \$29,999 -----	167	12	89	59	7	—	—	—	—	70
\$30,000 to \$39,999 -----	243	15	84	100	28	8	8	—	—	81
\$40,000 to \$49,999 -----	388	19	169	138	42	7	13	—	—	76
\$50,000 to \$59,999 -----	370	5	75	120	104	29	30	7	—	97
\$60,000 to \$79,999 -----	302	—	68	98	56	60	20	—	—	96
\$80,000 to \$99,999 -----	149	—	—	23	43	47	31	5	—	130
\$100,000 to \$149,999 -----	79	—	—	3	29	8	22	17	—	148
\$150,000 or more -----	32	—	—	—	6	—	11	15	—	245
Median -----	\$49 500	\$22 900	\$41 900	\$47 200	\$54 500	\$70 100	\$73 600	\$111 800	\$200000+	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	1 105	68	295	373	190	91	61	25	2	88
10 to 14 percent -----	351	22	111	79	57	52	30	—	—	88
15 to 19 percent -----	137	—	74	42	—	14	7	—	—	73
20 to 24 percent -----	128	4	52	28	29	8	7	—	—	82
25 to 29 percent -----	66	6	14	16	19	—	6	5	—	95
30 to 34 percent -----	38	—	—	12	19	—	7	—	—	109
35 percent or more -----	45	—	15	11	13	—	6	—	—	92
Not computed -----	29	—	—	6	—	—	—	10	13	242
Median -----	10—	10—	10—	10—	10—	10.2	10—	10—	10—	...
SELECTED CHARACTERISTICS										
Housing equipment -----	1 899	100	561	567	327	165	124	40	15	88
Steam or hot water system -----	14	—	6	—	8	—	—	—	—	103
Central warm-air furnace or electric heat pump -----	755	—	107	163	213	133	98	26	15	113
Other built-in electric units -----	429	29	180	148	49	9	7	—	—	76
Floor, wall, or pipeless furnace -----	208	6	58	100	—	23	14	7	—	85
Other means -----	493	65	210	156	57	—	5	—	—	72
Air conditioning -----	1 434	44	356	423	294	165	104	33	15	94
Central system -----	924	—	153	278	220	143	82	33	15	104
1 or more individual room units -----	510	44	203	145	74	22	22	—	—	76
House heating fuel -----	1 899	100	561	567	327	165	124	40	15	88
Utility gas -----	976	38	179	319	205	128	80	27	—	96
Bottled, tank, or LP gas -----	6	—	—	—	—	6	—	—	—	138
Electricity -----	765	34	304	221	108	31	39	13	15	80
Fuel oil, kerosene, etc. -----	31	8	14	9	—	—	—	—	—	63
Other -----	121	20	64	18	14	—	5	—	—	66

Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Redding city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
	Occupied housing units	8 956	1 836	1 095	2 350	2 996	679	7 830	2 233	1 201	1 541	2 143
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	6 292	1 369	806	1 779	2 035	303	2 721	640	439	658	789	195
15 to 24 years	135	53	13	31	16	22	524	133	91	102	171	27
25 to 34 years	1 139	409	143	321	248	18	1 054	287	117	279	294	77
35 to 44 years	1 230	345	249	311	272	53	383	85	46	109	117	26
45 to 64 years	2 564	429	234	774	1 004	123	509	104	116	145	123	21
65 years and over	1 224	133	167	342	495	87	251	31	69	23	84	44
Male householder, no wife present	873	211	72	152	333	105	1 922	539	246	330	556	251
15 to 24 years	55	6	4	13	24	8	649	214	65	126	172	72
25 to 34 years	239	79	19	36	91	14	625	207	45	131	198	44
35 to 44 years	130	49	6	22	29	24	253	62	63	31	53	44
45 to 64 years	234	63	26	18	96	31	222	50	37	42	44	49
65 years and over	215	14	17	63	93	28	173	6	36	—	89	42
Female householder, no husband present	1 791	256	217	419	628	271	3 187	1 054	516	553	798	266
15 to 24 years	11	6	—	5	—	—	866	378	127	95	203	63
25 to 34 years	142	47	14	27	46	8	798	291	107	149	203	48
35 to 44 years	256	52	47	58	74	25	422	188	54	93	125	12
45 to 64 years	505	83	49	159	168	46	438	99	31	116	134	58
65 years and over	877	68	107	170	340	192	663	98	197	100	183	85
Median age	52.2	41.8	47.4	51.2	57.5	62.4	32.1	29.3	37.3	32.4	32.4	37.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	1 472	753	167	260	260	32	4 628	1 687	643	844	1 139	315
1975 to 1978	2 727	1 083	345	580	568	151	2 509	546	443	520	753	247
1970 to 1974	1 569	—	583	528	379	79	406	—	115	115	119	57
1960 to 1969	1 726	—	—	982	666	78	211	—	—	62	82	67
1959 or earlier	1 462	—	—	—	1 123	339	76	—	—	—	50	26
<b>ROOMS</b>												
1 room	40	6	18	8	8	—	327	25	27	40	131	104
2 rooms	96	13	8	30	39	6	699	205	93	93	243	65
3 rooms	362	19	90	96	113	44	1 679	528	239	263	439	210
4 rooms	1 267	172	201	310	408	176	3 146	1 036	641	624	659	186
5 rooms	2 961	598	254	751	1 151	207	1 285	291	142	365	394	93
6 rooms	2 272	529	249	609	752	133	522	115	28	126	211	42
7 or more rooms	1 958	499	275	546	525	113	172	33	31	30	66	12
Median	5.4	5.7	5.4	5.5	5.3	5.0	3.9	3.8	3.9	4.1	3.9	3.4
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	8 949	1 836	1 095	2 343	2 996	679	7 799	2 233	1 201	1 541	2 143	681
0.50 or less	5 994	1 143	631	1 429	2 231	560	4 369	1 313	747	724	1 244	341
0.51 to 1.00	2 813	677	416	871	743	106	3 093	880	421	736	732	324
1.01 to 1.50	85	16	28	28	6	7	240	18	28	68	115	11
1.51 or more	57	—	20	15	16	6	97	22	5	13	52	5
Locking complete plumbing for exclusive use	7	—	—	7	—	—	31	—	—	—	—	31
0.50 or less	—	—	—	—	—	—	11	—	—	—	—	11
0.51 to 1.00	—	—	—	—	—	—	20	—	—	—	—	20
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	7	—	—	7	—	—	—	—	—	—	—	—
<b>PERSONS IN UNIT</b>												
1 person	1 672	253	160	337	621	301	2 759	703	429	446	789	392
2 persons	3 404	641	354	865	1 362	182	2 483	846	434	413	663	127
3 persons	1 618	390	178	445	481	124	1 244	354	168	290	319	113
4 persons	1 378	347	218	451	306	56	890	231	92	305	202	60
5 persons	573	151	98	201	117	6	300	77	63	60	92	8
6 or more persons	311	54	87	51	109	10	154	22	15	27	78	12
Median	2.32	2.56	2.69	2.47	2.14	1.71	1.97	1.99	1.90	2.29	1.93	1.41
Total persons	23 864	5 313	3 361	6 540	7 186	1 464	17 433	4 842	2 580	3 777	4 871	1 363
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	7 732	1 532	753	1 972	2 817	658	2 704	265	172	690	1 212	365
2	70	8	13	12	33	4	367	51	18	98	143	57
3 and 4	67	35	—	14	11	7	1 018	494	129	191	127	77
5 to 9	30	9	—	—	15	6	1 073	406	227	158	225	57
10 to 49	45	6	10	11	14	4	1 834	720	380	330	328	76
50 or more	12	6	—	—	6	—	689	272	248	14	80	75
Mobile home or trailer, etc.	1 000	240	319	341	100	—	145	25	27	60	28	5
<b>SELECTED CHARACTERISTICS</b>												
Housing equipment	8 956	1 836	1 095	2 350	2 996	679	7 816	2 233	1 201	1 537	2 133	712
Steam or hot water system	27	—	—	22	5	140	33	—	18	14	75	75
Central warm-air furnace or electric heat pump	5 221	1 575	811	1 529	1 102	204	3 189	1 594	711	471	331	82
Other built-in electric units	1 020	81	47	163	553	176	1 967	444	125	388	806	204
Floor, wall, or pipeless furnace	894	118	104	234	383	55	1 009	106	261	340	227	75
Other means	1 794	62	133	424	936	239	1 511	56	104	320	755	276
Air conditioning	6 963	1 701	877	1 687	2 191	507	6 464	2 135	1 062	1 262	1 475	530
Central system	5 301	1 601	733	1 335	1 404	228	3 364	1 480	716	564	458	146
1 or more individual room units	1 662	100	144	352	787	279	3 100	655	346	698	1 017	384
House heating fuel	8 956	1 836	1 095	2 350	2 996	679	7 816	2 233	1 201	1 537	2 133	712
Utility gas	5 415	891	913	1 706	1 638	267	3 347	645	713	948	727	314
Bottled, tank, or LP gas	170	38	38	52	37	5	88	31	27	5	14	11
Electricity	2 817	877	128	462	1 030	320	4 187	1 544	451	540	1 277	375
Fuel oil, kerosene, etc.	65	—	—	7	35	23	41	—	—	13	22	6
Other	489	30	16	123	256	64	153	13	10	31	93	6
Income in 1979 below poverty level	440	56	56	110	170	48	1 344	342	246	251	468	99
Percent below poverty level	4.9	3.1	5.1	4.7	5.7	7.1	17.2	15.3	20.5	16.3	18.9	13.9
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	760	74	74	186	305	121	1 607	389	297	253	476	192
\$5,000 to \$9,999	1 169	132	213	246	419	159	2 057	499	267	357	631	303
\$10,000 to \$12,499	723	121	51	197	272	82	839	284	103	191	200	61
\$12,500 to \$14,999	740	129	65	213	266	67	742	279	138	93	196	36
\$15,000 to \$19,999	1 236	285	128	351	409	63	1 032	311	153	229	298	41
\$20,000 to \$24,999	1 176	303	149	281	395	48	651	170	108	168	160	45
\$25,000 to \$34,999	1 697	387	205	469	556	80	627	247	62	165	119	34
\$35,000 to \$49,999	916	257	125	286	227	21	206	37	62	56	51	—
\$50,000 or more	539	148	85	121	147	38	69	17	11	29	12	—
Median	\$19 379	\$22 842	\$20 491	\$19 726	\$18 167	\$11 814	\$10 748	\$12 011	\$10 886	\$12 101	\$9 711	\$7 855
Mean	\$22 652	\$26 491	\$24 614	\$22 846	\$20 897	\$16 184	\$13 291	\$14 054	\$13 786	\$15 220	\$12 035	\$9 669

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

## Redding city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	8 956	7 732	224	1 000	7 830	2 704	367	1 018	1 073	1 834	689	145
Condominium housing units	102	81	21	—	19	10	—	9	—	—	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	6 292	5 731	101	460	2 721	1 349	107	359	247	409	182	68
15 to 24 years	135	123	4	8	524	196	37	105	74	100	12	—
25 to 34 years	1 139	1 073	19	47	1 054	553	23	168	76	138	52	44
35 to 44 years	1 230	1 205	15	10	383	255	9	49	20	33	17	—
45 to 64 years	2 564	2 355	40	169	509	235	25	30	59	73	67	20
65 years and over	1 224	975	23	226	251	110	13	7	18	65	34	4
Male householder, no wife present	873	729	34	110	1 922	532	106	227	339	495	181	42
15 to 24 years	55	45	—	10	649	185	62	90	87	182	36	7
25 to 34 years	239	228	11	—	625	202	19	86	93	154	55	16
35 to 44 years	130	98	11	21	253	89	13	8	47	34	62	—
45 to 64 years	234	171	12	51	222	25	6	29	64	71	8	19
65 years and over	215	187	—	28	173	31	6	14	48	54	20	—
Female householder, no husband present	1 791	1 272	89	430	3 187	823	154	432	487	930	326	35
15 to 24 years	11	5	—	6	866	181	34	126	165	268	87	5
25 to 34 years	142	123	—	19	798	235	31	164	76	255	37	—
35 to 44 years	256	214	7	35	422	160	7	22	66	133	28	6
45 to 64 years	505	385	41	79	438	89	28	43	77	142	41	18
65 years and over	877	545	41	291	663	158	54	77	103	132	133	6
Median age	52.2	50.6	55.2	66.5	32.1	32.6	31.4	29.0	33.2	30.7	41.2	35.4
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	1 472	1 235	43	194	4 628	1 462	228	692	603	1 174	423	46
1975 to 1978	2 727	2 304	71	352	2 509	916	92	269	382	530	228	92
1970 to 1974	1 569	1 259	35	275	406	153	40	33	51	94	28	7
1960 to 1969	1 726	1 534	37	155	211	121	7	7	30	36	10	—
1959 or earlier	1 462	1 400	38	24	76	52	—	17	7	—	—	—
<b>ROOMS</b>												
1 room	40	—	—	40	327	29	8	13	47	117	92	21
2 rooms	96	32	5	59	699	110	11	45	116	309	74	34
3 rooms	362	123	16	223	1 679	298	127	214	331	478	213	18
4 rooms	1 267	796	47	424	3 146	779	173	614	474	777	280	49
5 rooms	2 961	2 714	69	178	1 285	852	26	126	99	136	30	16
6 rooms	2 272	2 188	38	46	522	470	16	6	6	17	—	7
7 or more rooms	1 958	1 879	49	30	172	166	6	—	—	—	—	—
Median	5.4	5.6	5.1	3.9	3.9	4.7	3.7	3.9	3.6	3.5	3.3	3.5
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	8 949	7 732	224	993	7 799	2 704	367	1 018	1 073	1 808	684	145
0.50 or less	5 994	5 088	191	715	4 369	1 359	253	539	679	1 031	433	75
0.51 to 1.00	2 813	2 535	33	245	3 093	1 201	107	450	361	705	227	42
1.01 to 1.50	85	85	—	—	240	131	7	25	33	31	6	7
1.51 or more	57	24	—	33	97	13	—	4	—	41	18	21
Lacking complete plumbing for exclusive use	7	—	—	7	31	—	—	—	—	26	5	—
0.50 or less	—	—	—	—	11	—	—	—	—	11	—	—
0.51 to 1.00	—	—	—	—	20	—	—	—	—	15	5	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	7	—	—	7	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	40	—	—	40	402	45	12	13	68	143	100	21
1	411	148	21	242	2 311	439	129	176	434	792	288	53
2	2 385	1 641	106	638	3 808	1 099	219	796	525	822	293	54
3	5 064	4 906	84	74	1 160	972	7	33	46	77	8	17
4	905	893	6	6	149	149	—	—	—	—	—	—
5 or more	151	144	7	—	—	—	—	—	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	760	467	29	264	1 607	382	56	226	312	431	171	29
\$5,000 to \$9,999	1 169	868	12	289	2 057	648	143	267	286	516	163	34
\$10,000 to \$12,499	723	589	29	105	839	297	49	130	85	189	51	38
\$12,500 to \$14,999	740	635	32	73	742	245	13	95	82	215	83	9
\$15,000 to \$19,999	1 236	1 050	34	152	1 032	394	36	112	144	235	104	7
\$20,000 to \$24,999	1 176	1 135	21	20	651	309	37	80	44	108	57	16
\$25,000 to \$34,999	1 697	1 585	32	80	627	296	24	79	92	98	38	—
\$35,000 to \$49,999	916	887	23	6	206	106	—	29	23	25	11	12
\$50,000 or more	539	516	12	11	69	27	9	—	5	17	11	—
Median	\$19 379	\$21 096	\$17 600	\$9 086	\$10 748	\$12 755	\$9 588	\$10 308	\$8 817	\$9 720	\$10 515	\$10 625
Mean	\$22 652	\$24 172	\$20 496	\$11 386	\$13 291	\$14 944	\$13 536	\$12 455	\$11 656	\$12 231	\$13 518	\$12 141
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	8 956	7 732	224	1 000	7 816	2 690	367	1 018	1 073	1 834	689	145
Steam or hot water system	27	27	—	—	140	20	—	12	20	13	75	—
Central warm-air furnace or electric heat pump	5 221	4 270	150	801	3 189	738	150	568	468	819	347	99
Other built-in electric units	1 020	949	29	42	1 967	578	97	267	350	520	141	14
Floor, wall, or pipeless furnace	894	852	17	25	1 009	442	50	88	65	278	86	—
Other means	1 794	1 634	28	132	1 511	912	70	83	170	204	40	32
Air conditioning	6 963	6 105	190	668	6 464	1 854	278	937	945	1 684	678	88
Central system	5 301	4 740	140	421	3 364	844	115	624	545	803	405	28
Vehicles available	8 586	7 525	209	852	6 885	2 505	316	896	921	1 566	562	119
1	2 246	1 677	110	459	3 612	1 058	172	467	555	941	352	67
2 or more	6 340	5 848	99	393	3 273	1 447	144	429	366	625	210	52
House heating fuel	8 956	7 732	224	1 000	7 816	2 690	367	1 018	1 073	1 834	689	145
Utility gas	5 415	4 494	93	828	3 347	1 344	162	375	446	704	235	81
Bottled, tank, or LP gas	170	114	—	56	88	30	—	9	8	30	—	11
Electricity	2 817	2 581	126	110	4 187	1 142	205	634	619	1 100	454	33
Fuel oil, kerosene, etc.	65	59	—	6	41	28	—	—	—	—	—	13
Other	489	484	5	—	153	146	—	—	—	—	—	7
Water heating fuel	8 949	7 732	224	993	7 819	2 704	367	1 018	1 073	1 823	689	145
Utility gas	3 668	2 842	56	770	2 378	877	93	223	270	625	223	67
Bottled, tank, or LP gas	198	122	—	76	154	66	—	15	30	32	—	11
Electricity	5 083	4 768	168	147	5 287	1 761	274	780	773	1 166	466	67
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—
Family householder	7 041	6 386	133	522	4 154	1 852	187	581	397	802	259	76
With own children under 18 years	3 128	2 983	50	95	2 496	1 186	112	422	445	81	37	—
With own children under 6 years	1 100	1 049	11	40	1 435	679	84	253	142	214	39	24
Female householder, no husband present	577	502	27	48	1 234	412	58	217	150	342	47	8
With own children under 18 years	317	292	7	18	932	297	34	208	116	255	22	—
With own children under 6 years	56	56	—	—	407	148	13	96	37	108	5	—
Nonfamily householder	1 915	1 346	91	478	3 676	852	180	437	676	1 032	430	69
Income in 1979 below poverty level	440	290	22	128	1 344	423	42	158	247	348	90	36
Percent below poverty level	4.9	3.8	9.8	12.8	17.2	15.6	11.4	15.5	23.0	19.0	13.1	24.8

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## Redding city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>8 956</b>	<b>1 672</b>	<b>3 404</b>	<b>1 618</b>	<b>1 378</b>	<b>573</b>	<b>224</b>	<b>76</b>	<b>11</b>	<b>2.32</b>	<b>23 864</b>
Nonrelatives present	400	—	200	80	61	25	20	14	—	2.50	1 185
<b>ROOMS</b>											
1 to 3 rooms	498	287	166	16	29	—	—	—	—	1.37	773
4 rooms	1 267	487	553	151	49	5	—	22	—	1.76	2 380
5 rooms	2 961	498	1 384	560	327	145	41	6	—	2.21	7 329
6 rooms	2 272	289	818	496	457	129	56	27	—	2.56	6 523
7 rooms	1 344	84	340	318	347	184	54	17	—	3.28	4 507
8 or more rooms	614	27	143	77	169	110	73	4	11	3.86	2 352
Median	5.4	4.6	5.2	5.7	6.1	6.5	6.8	5.9	8.5+	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	8 949	1 672	3 404	1 618	1 371	573	224	76	11	2.32	23 845
1.00 or less	8 807	1 672	3 392	1 611	1 349	568	183	21	11	2.31	23 049
1.01 to 1.50	85	—	—	—	6	5	41	33	—	6.27	562
1.51 or more	57	—	12	7	16	—	—	22	—	4.09	234
Lacking complete plumbing for exclusive use	7	—	—	—	7	—	—	—	—	4.00	19
1.00 or less	—	—	—	—	—	—	—	—	—	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	7	—	—	—	7	—	—	—	—	4.00	19
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	7 732	1 150	2 914	1 493	1 322	561	219	62	11	2.43	21 525
2 or more	224	91	79	32	17	—	5	—	—	1.77	497
Mobile home or trailer, etc.	1 000	431	411	93	39	12	—	14	—	1.67	1 842
<b>VALUE</b>											
Specified owner-occupied housing units	7 331	1 087	2 721	1 412	1 282	543	213	62	11	2.45	20 501
Less than \$10,000	20	13	—	—	—	—	7	—	—	1.27	75
\$10,000 to \$19,999	159	67	75	11	—	6	—	—	—	1.67	280
\$20,000 to \$29,999	327	124	154	25	9	15	—	—	—	1.76	600
\$30,000 to \$39,999	567	182	170	121	54	22	13	5	—	2.10	1 299
\$40,000 to \$49,999	1 211	218	512	236	172	47	18	8	—	2.26	3 066
\$50,000 to \$59,999	1 631	244	651	303	245	100	65	23	—	2.38	4 540
\$60,000 to \$79,999	1 894	121	682	410	452	170	36	15	8	2.85	5 739
\$80,000 to \$99,999	947	97	247	237	205	113	48	—	—	3.05	2 931
\$100,000 to \$149,999	430	11	186	67	99	45	22	—	—	2.77	1 353
\$150,000 or more	145	10	44	2	46	25	11	4	3	3.86	618
Median	\$58 100	\$47 800	\$56 200	\$60 400	\$66 500	\$68 500	\$66 600	\$56 500	\$78 400	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	8 956	1 672	3 404	1 618	1 378	573	224	76	11	2.32	23 864
Median income	\$19 379	\$7 366	\$18 416	\$22 865	\$25 019	\$30 184	\$27 500	\$19 688	\$62 500	...	...
Median selected monthly owner costs as percentage of household income	15.7	21.6	13.2	16.3	16.2	16.8	16.7	18.6	10—	...	...
With a mortgage	18.7	31.8	17.3	19.0	17.7	17.8	18.2	27.2	10—	...	...
Not mortgaged	10—	15.4	10—	10—	10—	10—	10—	10—	—	...	...
Income in 1979 below poverty level	440	221	161	22	25	5	—	6	—	1.50	...
Median income	\$2 957	\$2 511	\$2 969	\$4 464	\$5 764	\$8 750	—	\$11 250	—	...	...
Median selected monthly owner costs as percentage of household income	50+	42.7	29.6	50+	50+	12.5	—	50+	—	...	...
With a mortgage	50+	50+	50+	50+	50+	—	—	50+	—	...	...
Not mortgaged	28.6	32.1	19.5	—	—	12.5	—	—	—	...	...
Renter-occupied housing units	7 830	2 759	2 483	1 244	890	300	79	63	12	1.97	17 433
Nonrelatives present	1 225	—	760	186	154	67	20	34	4	2.31	3 325
<b>ROOMS</b>											
1 room	327	272	55	—	—	—	—	—	—	1.10	390
2 rooms	699	419	215	44	13	8	—	—	—	1.33	1 043
3 rooms	1 679	1 046	474	123	27	9	—	—	—	1.30	2 417
4 rooms	3 146	804	1 267	638	356	67	14	—	—	2.11	7 029
5 rooms	1 285	157	321	294	333	101	39	28	12	3.06	3 993
6 rooms	522	61	131	109	92	91	17	21	—	3.13	1 821
7 or more rooms	172	—	20	36	69	24	9	14	—	3.93	740
Median	3.9	3.2	3.9	4.2	4.6	5.2	5.2	5.7	5.0	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	7 799	2 728	2 483	1 244	890	300	79	63	12	1.97	17 395
1.00 or less	7 462	2 728	2 428	1 200	850	216	26	14	—	1.91	16 009
1.01 to 1.50	240	—	—	44	27	67	53	49	—	5.23	1 112
1.51 or more	97	—	55	—	13	17	—	—	12	2.38	274
Lacking complete plumbing for exclusive use	31	31	—	—	—	—	—	—	—	1.00	38
1.00 or less	31	31	—	—	—	—	—	—	—	1.00	38
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	2 704	590	778	534	478	192	67	57	8	2.48	7 599
2	367	165	102	61	39	—	—	—	—	1.68	714
3 and 4	1 018	312	302	223	155	22	—	—	4	2.15	2 203
5 to 9	1 073	525	322	120	78	20	8	—	—	1.54	1 932
10 to 49	1 834	754	672	249	114	35	4	6	—	1.74	3 528
50 or more	689	349	263	44	19	14	—	—	—	1.49	1 138
Mobile home or trailer, etc.	145	64	44	13	7	17	—	—	—	1.69	319
<b>GROSS RENT</b>											
Specified renter-occupied housing units	7 767	2 738	2 471	1 227	877	300	79	63	12	1.96	17 291
Less than \$100	370	257	74	33	6	—	—	—	—	1.22	541
\$100 to \$149	485	380	57	41	7	—	—	—	—	1.14	596
\$150 to \$199	1 094	655	289	113	30	7	—	—	—	1.34	1 651
\$200 to \$249	2 023	803	707	295	132	50	22	14	—	1.79	4 116
\$250 to \$299	1 878	395	822	336	265	44	10	6	—	2.16	4 362
\$300 to \$349	833	115	236	213	184	64	6	7	8	2.81	2 302
\$350 to \$399	425	34	125	95	95	47	10	15	4	3.06	1 479
\$400 to \$499	421	31	72	65	135	66	31	21	—	3.81	1 627
\$500 or more	106	—	51	22	19	14	—	—	—	2.59	366
No cash rent	132	68	38	14	4	8	—	—	—	1.47	251
Median	\$246	\$202	\$255	\$274	\$299	\$335	\$357	\$365	\$338	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	7 830	2 759	2 483	1 244	890	300	79	63	12	1.97	17 433
Median income	\$10 748	\$6 729	\$12 418	\$13 477	\$14 215	\$15 053	\$20 875	\$20 380	\$18 125	...	...
Median gross rent as percentage of household income	26.2	31.1	24.1	23.9	27.1	24.6	25.5	23.1	23.8	...	...
Income in 1979 below poverty level	1 344	482	355	218	173	74	10	28	4	2.04	...
Median income	\$3 540	\$2500—	\$3 679	\$3 843	\$5 503	\$6 667	\$9 583	\$10 313	\$3 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	41.7	50+	50+	...	...



Table B—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Redding city		Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 672	549	27	136	71	130	185	1 123	6	27	70	252	768
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 672	549	27	136	71	130	185	1 123	6	27	70	252	768
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE													
1, detached or attached	1 150	432	21	125	39	90	157	718	—	20	58	187	453
2 or more	91	29	—	11	11	7	—	62	—	—	—	21	41
Mobile home or trailer, etc.	431	88	6	—	21	33	28	343	6	7	12	44	274
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	589	94	7	8	14	7	58	495	—	7	10	53	425
\$5,000 to \$9,999	403	155	—	14	18	45	78	248	6	13	35	35	194
\$10,000 to \$12,499	162	26	—	6	—	20	—	136	—	6	39	54	37
\$12,500 to \$14,999	168	95	20	35	7	7	26	73	—	14	—	29	53
\$15,000 to \$19,999	177	94	—	44	20	7	23	83	—	—	1	—	—
\$20,000 to \$24,999	32	21	—	8	—	13	—	11	—	—	—	—	11
\$25,000 to \$34,999	103	26	—	7	12	7	—	77	—	—	7	28	42
\$35,000 to \$49,999	38	38	—	14	—	24	—	—	—	—	—	—	—
\$50,000 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$7 366	\$12 452	\$13 312	\$15 833	\$13 750	\$11 625	\$6 391	\$6 147	\$8 750	\$12 589	\$10 769	\$11 759	\$4 701
Mean	\$10 325	\$13 525	\$11 318	\$17 467	\$14 085	\$17 538	\$7 916	\$8 761	\$9 005	\$10 416	\$10 695	\$11 894	\$7 497
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 087	400	21	117	21	84	157	687	—	20	58	170	439
With a mortgage	485	230	13	105	21	66	25	255	—	20	50	108	77
Less than \$200	152	53	—	16	—	23	14	99	—	—	12	33	54
\$200 to \$249	88	27	—	7	—	20	—	61	—	—	4	36	21
\$250 to \$299	37	24	—	13	—	—	11	13	—	—	5	8	—
\$300 to \$349	66	42	—	22	13	7	—	24	—	6	8	8	2
\$350 to \$399	39	16	—	16	—	—	—	23	—	8	7	8	—
\$400 to \$449	57	37	6	23	8	—	—	20	—	6	7	7	—
\$500 to \$599	15	8	—	8	—	—	—	7	—	—	7	—	—
\$600 to \$749	31	23	7	—	—	16	—	8	—	—	8	—	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$253	\$313	\$611	\$338	\$340	\$225	\$188	\$223	—	\$375	\$325	\$229	\$163
Not mortgaged	602	170	8	12	—	18	132	432	—	8	62	362	362
Less than \$50	60	25	8	—	—	5	12	35	—	—	—	35	—
\$50 to \$74	245	52	—	—	—	—	52	193	—	7	14	172	172
\$75 to \$99	186	69	—	6	—	7	56	117	—	—	32	85	85
\$100 to \$124	77	18	—	6	—	6	6	59	—	1	16	42	42
\$125 to \$149	19	6	—	—	—	—	6	13	—	—	—	13	—
\$150 to \$199	—	—	—	—	—	—	—	—	—	—	—	—	—
\$200 to \$249	15	—	—	—	—	—	—	15	—	—	—	15	—
\$250 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$75	\$78	\$50—	\$100	—	\$89	\$76	\$73	—	—	\$64	\$88	\$71
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	21.6	21.3	44.2	26.4	32.2	19.0	15.3	21.7	—	33.6	37.5	22.3	20.3
With a mortgage	31.8	31.3	50+	29.7	32.2	19.7	33.8	32.2	—	33.6	40.0	24.7	31.1
Not mortgaged	15.4	10.7	10—	15.0	—	10—	12.4	17.0	—	10—	10—	18.4	—
Income in 1979 below poverty level	221	37	—	8	—	7	22	184	—	7	10	28	139
Percent below poverty level	13.2	6.7	—	5.9	—	5.4	11.9	16.4	—	25.9	14.3	11.1	18.1
Renter-occupied housing units	2 759	1 193	352	351	121	196	173	1 566	362	246	105	258	595
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 728	1 162	347	351	110	186	168	1 566	—	—	—	—	—
Locking complete plumbing for exclusive use	31	31	5	—	11	10	5	—	—	—	—	—	—
UNITS IN STRUCTURE													
1, detached or attached	590	274	111	94	25	13	31	316	77	34	34	47	124
2	165	69	42	8	—	—	6	96	13	23	—	14	46
3 and 4	312	131	31	57	—	29	14	181	53	24	—	27	77
5 to 9	525	270	60	59	39	64	48	255	69	21	28	43	94
10 to 49	754	297	79	83	18	63	54	457	102	37	86	125	—
50 or more	349	115	22	39	26	8	20	234	43	37	—	31	123
Mobile home or trailer, etc.	64	37	7	11	—	19	—	27	5	—	6	10	6
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 042	344	150	61	8	53	72	698	109	66	21	97	405
\$5,000 to \$9,999	847	309	94	94	25	15	81	538	194	82	89	137	—
\$10,000 to \$12,499	257	110	60	20	7	16	7	147	44	30	33	33	7
\$12,500 to \$14,999	147	78	16	31	11	7	13	69	6	37	—	12	14
\$15,000 to \$19,999	246	138	21	79	15	23	—	108	9	31	15	27	26
\$20,000 to \$24,999	104	98	—	47	34	17	—	6	—	—	—	6	—
\$25,000 to \$34,999	79	79	—	19	15	45	—	—	—	—	—	—	—
\$35,000 to \$49,999	31	31	11	—	—	20	—	—	—	—	—	—	—
\$50,000 or more	6	6	—	—	6	—	—	—	—	—	—	—	—
Median	\$6 729	\$8 680	\$6 048	\$12 540	\$18 036	\$15 761	\$5 863	\$5 743	\$7 368	\$8 438	\$9 489	\$6 404	\$4 230
Mean	\$9 184	\$12 137	\$7 794	\$12 739	\$22 389	\$17 379	\$6 641	\$6 935	\$6 756	\$9 023	\$8 972	\$7 595	\$5 534
GROSS RENT													
Specified renter-occupied housing units	2 738	1 181	352	339	121	196	173	1 557	353	246	105	258	595
Less than \$100	257	124	13	18	6	17	70	133	—	—	—	5	128
\$100 to \$149	380	133	53	27	19	19	15	247	57	24	—	29	137
\$150 to \$199	655	317	98	92	22	38	67	338	33	91	46	69	99
\$200 to \$249	803	312	115	79	26	71	21	491	198	88	27	78	100
\$250 to \$299	395	166	38	74	36	18	—	229	35	32	32	65	65
\$300 to \$349	115	75	14	22	6	33	—	40	23	4	—	7	—
\$350 to \$399	34	20	—	14	6	—	—	14	7	—	—	—	—
\$400 to \$449	31	7	7	—	—	—	—	24	—	—	—	—	24
\$500 or more	68	27	14	13	—	—	—	41	—	—	—	5	36
No cash rent	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$202	\$200	\$201	\$212	\$224	\$209	\$151	\$204	\$220	\$204	\$206	\$223	\$155
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	31.1	22.5	41.8	20.3	14.9	16.0	23.0	36.9	37.5	29.2	27.2	41.0	40.9
Income in 1979 below poverty level	482	169	102	39	8	20	—	313	75	33	21	59	125
Percent below poverty level	17.5	14.2	29.0	11.1	6.6	10.2	—	20.0	20.7	13.4	20.0	22.9	21.0

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Redding city	Total	Less than 2 months	2 up to 6 months	6 or more months	Redding city				Total	Less than 2 months	2 up to 6 months	6 or more months
	Vacant for rent housing units				PLUMBING FACILITIES				BEDROOMS			
Vacant for sale only housing units	270	180	67	23	1 room	38	38	—	—	38	38	—
ROOMS					2 rooms	7	7	—	—	7	7	—
1 to 3 rooms	—	—	—	—	3 rooms	107	90	—	—	107	90	17
4 rooms	7	7	—	—	4 rooms	327	320	7	—	327	320	—
5 rooms	64	58	6	—	5 rooms	75	67	—	—	75	67	8
6 rooms	101	58	34	—	6 rooms	13	13	—	—	13	13	—
7 rooms	72	50	8	14	7 or more rooms	7	—	—	—	7	—	7
8 or more rooms	26	7	19	—	Median	3.9	3.9	4.0	3.4	3.9	3.9	3.4
Median	6.1	5.9	6.3	6.7								
PLUMBING FACILITIES					PLUMBING FACILITIES					PLUMBING FACILITIES		
Complete plumbing for exclusive use	270	180	67	23	Complete plumbing for exclusive use	574	535	7	32	Complete plumbing for exclusive use	574	535
Locking complete plumbing for exclusive use	—	—	—	—	Locking complete plumbing for exclusive use	—	—	—	—	Locking complete plumbing for exclusive use	—	—
BEDROOMS					BEDROOMS					BEDROOMS		
None	—	—	—	—	None	38	38	—	—	None	38	38
1	—	—	—	—	1	114	108	—	—	1	114	108
2	40	40	—	—	2	368	342	7	19	2	368	342
3	176	109	44	—	3	54	47	—	7	3	54	47
4	54	31	23	—	4	—	—	—	—	4	—	—
5 or more	—	—	—	—	5 or more	—	—	—	—	5 or more	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT		
1975 to March 1980	171	114	43	—	1975 to March 1980	231	212	—	19	1975 to March 1980	231	212
1970 to 1974	13	13	—	—	1970 to 1974	108	108	—	—	1970 to 1974	108	108
1960 to 1969	57	34	14	—	1960 to 1969	36	36	—	—	1960 to 1969	36	36
1950 to 1959	16	12	4	—	1950 to 1959	84	71	—	13	1950 to 1959	84	71
1940 to 1949	7	7	—	—	1940 to 1949	51	51	—	—	1940 to 1949	51	51
1939 or earlier	6	—	6	—	1939 or earlier	64	57	7	—	1939 or earlier	64	57
UNITS IN STRUCTURE					UNITS IN STRUCTURE					UNITS IN STRUCTURE		
1, detached or ottched	247	157	67	23	1, detached or ottched	167	154	7	6	1, detached or ottched	167	154
2 or more	—	—	—	—	2	11	11	—	—	2	11	11
Mobile home or trailer	23	23	—	—	3 and 4	86	68	—	18	3 and 4	86	68
HEATING EQUIPMENT					5 to 9	74	66	—	8	5 to 9	74	66
Central heating system	235	149	63	23	10 to 49	160	160	—	—	10 to 49	160	160
Other means	35	31	4	—	50 or more	51	51	—	—	50 or more	51	51
None	—	—	—	—	Mobile home or trailer	25	25	—	—	Mobile home or trailer	25	25
PRICE ASKED					RENT ASKED					RENT ASKED		
Specified vacant for sale only housing units	247	157	67	23	Specified vacant for rent housing units	574	535	7	32	Specified vacant for rent housing units	574	535
Less than \$10,000	—	—	—	—	Less than \$100	22	22	—	—	Less than \$100	22	22
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	34	34	—	—	\$100 to \$149	34	34
\$20,000 to \$29,999	—	—	—	—	\$150 to \$199	165	152	—	13	\$150 to \$199	165	152
\$30,000 to \$39,999	—	—	—	—	\$200 to \$249	153	153	—	—	\$200 to \$249	153	153
\$40,000 to \$49,999	12	12	—	—	\$250 to \$299	104	93	—	11	\$250 to \$299	104	93
\$50,000 to \$59,999	14	14	—	—	\$300 to \$399	75	60	7	8	\$300 to \$399	75	60
\$60,000 to \$79,999	71	59	12	14	\$400 or more	21	21	—	—	\$400 or more	21	21
\$80,000 to \$99,999	84	47	23	14	Median	228	226	325	257	Median	228	226
\$100,000 or more	66	25	32	9								
Median	—	—	—	—								
	\$86 300	\$77 500	\$89 300	\$98 200								

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Redding city	Price asked—Specified vacant for sole only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	247	—	—	12	169	66	86 300	574	22	199	257	75	21	228
PLUMBING FACILITIES														
Complete plumbing for exclusive use	247	—	—	12	169	66	86 300	574	22	199	257	75	21	228
Locking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—	—	—	
BEDROOMS														
None	—	—	—	—	—	—	—	38	—	23	15	—	—	187
1	—	—	—	—	—	—	—	114	6	83	25	—	—	182
2	26	—	—	12	14	—	—	368	5	82	195	65	21	245
3	167	—	—	—	136	31	83 300	54	11	11	22	10	—	236
4	54	—	—	—	19	35	109 100	—	—	—	—	—	—	—
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
YEAR STRUCTURE BUILT														
1975 to March 1980	153	—	—	—	118	35	86 900	231	—	30	143	37	21	257
1970 to 1974	13	—	—	—	—	13	112 500	108	—	43	60	5	—	214
1960 to 1969	52	—	—	—	34	18	92 000	36	—	12	20	4	—	230
1950 to 1959	16	—	—	12	4	—	48 300	84	17	38	16	13	—	180
1940 to 1949	7	—	—	—	7	—	52 500	51	—	51	—	—	—	171
1939 or earlier	6	—	—	—	6	—	85 000	64	5	25	18	16	—	210
UNITS IN STRUCTURE														
1, detached or ottched	247	—	—	12	169	66	86 300	167	5	38	60	43	21	245
2 or more	—	—	—	—	—	—	—	382	11	142	197	32	—	219
Mobile home or trailer	—	—	—	—	—	—	—	25	6	19	—	—	—	123

## Appendix A.—Area Classifications

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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

## Appendix B.—Definitions and Explanations of Subject Characteristics

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	B-6	The 1980 census was conducted primarily through self-enumeration. The principal		

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

### **Comparability With 1970 Census Group Quarters Data**

In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

## **OCCUPANCY AND VACANCY CHARACTERISTICS**

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

**Married-couple families.** For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

**Male householder, no wife present.** This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

**Female householder, no husband present.** This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit he previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

**For sale only.** Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

**For rent.** Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

## Appendix B.—Definitions and Explanations of Subject Characteristics

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

## FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent**. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent**. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked.** For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

## Appendix B.—Definitions and Explanations of Subject Characteristics

### Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586
									14,024



## **Appendix C.—General Enumeration and Processing Procedures**

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### **USUAL PLACE OF RESIDENCE**

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

### **Armed Forces**

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

### **Crews of Merchant Vessels**

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

### **Persons Away at School**

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

### **Persons in Institutions**

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

### **Persons Away From Their Residence on Census Day**

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every secnd line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
Group	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
Group	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

**Stage II—Householder/  
Nonhouseholder**

*Group*

1	Householder
2	Nonhouseholder (including persons in group quarters)

**Stage III—Age/Sex/Race/Spanish Origin**

*Group* *White Race*

*Persons of Spanish Origin*

*Male*

1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older

*Female*

9-16	Same age categories as groups 1 to 8
------	--------------------------------------

*Persons Not of Spanish Origin*

17-32	Same age and sex categories as groups 1 to 16
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*Black Race*

33-64	Same age-sex-Spanish origin categories as groups 1 to 32
-------	--

*Asian, Pacific Islander Race*

65-96	Same age-sex-Spanish origin categories as groups 1 to 32
-------	--

*American Indian, Eskimo, or Aleut Race*

97-128	Same age-sex-Spanish origin categories as groups 1 to 32
--------	--

*Other Race (includes those races not listed above)*

129-160	Same age-sex-Spanish origin categories as groups 1 to 32
---------	--

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

### OCCUPIED HOUSING UNITS

#### Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

#### *Housing Units With a Family Without Own Children Under 18*

<i>Group</i>	<i>2 persons in housing unit through 8 or more persons in housing unit</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit

#### All Other Housing Units

<i>Group</i>	<i>1 person in housing unit</i>
11	2 persons in housing unit through 8 or more persons in housing unit

#### Stage II—Tenure/Race and Origin of Householder/Value or Rent

##### *Group Owner*

<i>Group</i>	<i>Owner</i>	<i>White Race (householder)</i>	<i>Persons of Spanish Origin (householder)</i>	<i>Value of House</i>
1		\$0 to \$9,999		
2		\$10,000 to \$19,999		
3		\$20,000 to \$24,999		
4		\$25,000 to \$49,999		
5		\$50,000 to \$99,999		
6		\$100,000 to \$149,999		
7		\$150,000+		
8		Other Owners		

#### *Persons Not of Spanish Origin*

9-16	Same value categories as groups 1 to 8	Other Race (includes those races not listed above)
	<i>Black Race</i>	169-190 Same rent—Spanish origin categories as groups 81 to 102
17-32	Same value—Spanish origin categories as groups 1 to 16	
	<i>Asian, Pacific Islander Race</i>	
33-48	Same value—Spanish origin categories as groups 1 to 16	
	<i>American Indian, Eskimo, or Aleut Race</i>	
49-64	Same value—Spanish origin categories as groups 1 to 16	
	<i>Other Race (includes those races not listed above)</i>	
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	
		<b>VACANT HOUSING UNITS</b>
		<i>Group</i>
	1	<i>Vacant for Rent</i>
	2	<i>Vacant for Sale</i>
	3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

## CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

## Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470
10 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage 1/													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.9	0.5
Vacant price asked and vacant rent asked..	1.0	0.8	0.5
Tenure.....	1.1	0.9	0.6
Units in structure.....	1.1	1.0	0.5
Stories in structure.....	1.0	0.7	0.5
Passenger elevator.....	1.0	0.7	0.5
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	1.0	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	1.0	0.5
Air conditioning.....	1.3	1.0	0.6
Vehicles available.....	1.1	1.0	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's**

The SMSA -----  
**PLACES OF 50,000 OR MORE AND CENTRAL  
CITIES OF SMSA's**  
Redding city -----

Housing units		
	100-percent count	Percent in sample
The SMSA -----	47 446	14.5
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's	17 932	14.5
Redding city -----		



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

## Appendix E.--Facsimiles of Respondent Instructions and Questionnaire Pages

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A **one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban lot* is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( ) the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer *Yes only* if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28–H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

H30–H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

#### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

#### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

#### 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

#### 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

#### b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

#### c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

#### 14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

#### 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

#### b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

#### 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

#### 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

#### 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

#### 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

#### Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active-duty in Armed Forces.

#### Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in car pools, etc.

b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

### INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

#### Unacceptable

Furniture company

Grocery store

Oil company

Ranch

#### Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

#### Unacceptable

Clerk

Helper

Mechanic

Nurse

#### Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

**INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33**

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

• \_\_\_\_\_

• \_\_\_\_\_

• DO    A1    A2    A4    A5    A6    L

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla  y devuelva el cuestionario  
por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

## How to fill out your Census Form

**See** the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

**Use** a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely like this ●

When you write an answer print or write clearly.

**Make** sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail** back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

**Please** start by answering Question 1 below.

## Question 1

### List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

**1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?**

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### Do Not List in Question 1

- Any person away from here in the Armed Forces
- Any college student who stays somewhere else while attending college
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital
- Any person staying or visiting here who has a usual home elsewhere

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box .

Then please

- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

→ ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

<b>Here are the QUESTIONS ↓</b>	<b>These are the columns for ANSWERS →</b> <i>Please fill one column for each person listed in Question 1.</i>	<b>PERSON in column 1</b> <b>PERSON in column 2</b>																																																																									
		Last name      Last name First name      Middle initial      First name      Middle initial																																																																									
<b>2. How is this person related to the person in column 1?</b>  <i>Fill one circle.</i>  <i>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</i>		<i>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</i>																																																																									
				<b>If relative of person in column 1:</b> <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister																																																																							
		<b>If not related to person in column 1:</b> <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee																																																																									
<b>3. Sex</b> <i>Fill one circle.</i>		<input type="radio"/> Male <input checked="" type="checkbox"/> Female <input type="radio"/> Male <input type="radio"/> Female																																																																									
<b>4. Is this person —</b>  <i>Fill one circle.</i>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <input type="radio"/> Indian (Amer.) <i>Print tribe</i> →																																																																									
<b>5. Age, and month and year of birth</b>  <i>a. Print age at last birthday.</i> <i>b. Print month and fill one circle.</i> <i>c. Print year in the spaces, and fill one circle below each number.</i>		<b>a. Age at last birthday</b> <div style="border: 1px solid black; padding: 2px; width: 15px; height: 15px; display: inline-block;">1</div>	<b>c. Year of birth</b> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; width: 15px;"> <tr><td>1</td><td>●</td><td>8</td><td>○</td><td>0</td><td>○</td><td>0</td><td>○</td></tr> <tr><td>9</td><td>○</td><td>1</td><td>○</td><td>1</td><td>○</td><td>2</td><td>○</td></tr> <tr><td>2</td><td>○</td><td>2</td><td>○</td><td>3</td><td>○</td><td>3</td><td>○</td></tr> <tr><td>3</td><td>○</td><td>3</td><td>○</td><td>4</td><td>○</td><td>4</td><td>○</td></tr> <tr><td>4</td><td>○</td><td>4</td><td>○</td><td>5</td><td>○</td><td>5</td><td>○</td></tr> <tr><td>5</td><td>○</td><td>5</td><td>○</td><td>6</td><td>○</td><td>6</td><td>○</td></tr> <tr><td>6</td><td>○</td><td>6</td><td>○</td><td>7</td><td>○</td><td>7</td><td>○</td></tr> <tr><td>7</td><td>○</td><td>7</td><td>○</td><td>8</td><td>○</td><td>8</td><td>○</td></tr> <tr><td>8</td><td>○</td><td>8</td><td>○</td><td>9</td><td>○</td><td>9</td><td>○</td></tr> </table>	1	●	8	○	0	○	0	○	9	○	1	○	1	○	2	○	2	○	2	○	3	○	3	○	3	○	3	○	4	○	4	○	4	○	4	○	5	○	5	○	5	○	5	○	6	○	6	○	6	○	6	○	7	○	7	○	7	○	7	○	8	○	8	○	8	○	8	○	9	○	9	○
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<b>6. Marital status</b>  <i>Fill one circle.</i>		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced																																																																									
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  <i>Fill one circle.</i>		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic																																																																									
<b>8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</b>		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related																																																																									
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  <i>Fill one circle.</i>  <i>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</i>		<b>Highest grade attended:</b> <input type="radio"/> Nursery school <input type="radio"/> Kindergarten <b>Elementary through high school (grade or year)</b> 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○ <b>College (academic year)</b> <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○ <input type="radio"/> Never attended school — <i>Skip question 10</i>																																																																									
		<b>Highest grade attended:</b> <input type="radio"/> Nursery school <input type="radio"/> Kindergarten <b>Elementary through high school (grade or year)</b> 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○ <b>College (academic year)</b> <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○      ○ <input type="radio"/> Never attended school — <i>Skip question 10</i>																																																																									
<b>10. Did this person finish the highest grade (or year) attended?</b>  <i>Fill one circle.</i>		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)																																																																									
		<b>CENSUS USE ONLY</b>	<b>A.   ○   I   ○   N   ○   O</b>																																																																								
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#### **Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages**

Page 3

PERSON in column 7											
Last name											
First name	Middle initial										
If relative of person in column 1:											
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother										
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative										
<input type="radio"/> Brother/sister											
If not related to person in column 1:											
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative										
<input type="radio"/> Partner, roommate											
<input type="radio"/> Paid employee											
<input type="radio"/> Male	<input checked="" type="checkbox"/> Female										
<input type="radio"/> White	<input type="radio"/> Asian Indian										
<input type="radio"/> Black or Negro	<input type="radio"/> Hawaiian										
<input type="radio"/> Japanese	<input type="radio"/> Guamanian										
<input type="radio"/> Chinese	<input type="radio"/> Samoan										
<input type="radio"/> Filipino	<input type="radio"/> Eskimo										
<input type="radio"/> Korean	<input type="radio"/> Aleut										
<input type="radio"/> Vietnamese	<input type="radio"/> Other — <i>Specify</i>										
<input type="radio"/> Indian (Amer.)											
<i>Print tribe</i> →											
a. Age at last birthday	c. Year of birth										
<input type="radio"/>	<input type="radio"/> 1										
<input type="radio"/>	<input type="radio"/> 1 8	<input type="radio"/> 0	<input type="radio"/> 0								
<input type="radio"/>	<input type="radio"/> 1 9	<input type="radio"/> 1	<input type="radio"/> 0								
b. Month of birth	<input type="radio"/> 2	<input type="radio"/> 0	<input type="radio"/> 0								
<input type="radio"/>	<input type="radio"/> 3	<input type="radio"/> 0	<input type="radio"/> 3								
<input type="radio"/> Jan.—Mar.	<input type="radio"/> 4	<input type="radio"/> 0	<input type="radio"/> 4								
<input type="radio"/> Apr.—June	<input type="radio"/> 5	<input type="radio"/> 0	<input type="radio"/> 5								
<input type="radio"/> July—Sept.	<input type="radio"/> 6	<input type="radio"/> 0	<input type="radio"/> 6								
<input type="radio"/> Oct.—Dec.	<input type="radio"/> 7	<input type="radio"/> 0	<input type="radio"/> 7								
<input type="radio"/> Now married	<input type="radio"/> Separated										
<input type="radio"/> Widowed	<input type="radio"/> Never married										
<input type="radio"/> Divorced											
<input type="radio"/> No (not Spanish/Hispanic)											
<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano											
<input type="radio"/> Yes, Puerto Rican	<input checked="" type="checkbox"/>										
<input type="radio"/> Yes, Cuban											
<input type="radio"/> Yes, other Spanish/Hispanic											
<input type="radio"/> No, has not attended since February 1											
<input type="radio"/> Yes, public school, public college											
<input type="radio"/> Yes, private, church-related											
<input type="radio"/> Yes, private, not church-related											
Highest grade attended:											
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten										
Elementary through high school (grade or year)											
1	2	3	4	5	6	7	8	9	10	11	12
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
College (academic year)											
1	2	3	4	5	6	7	8 or more				
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>				
<input type="radio"/> Never attended school — <i>Skip question 11</i>											
<input type="radio"/> Now attending this grade (or year)											
<input type="radio"/> Finished this grade (or year)											
<input type="radio"/> Did not finish this grade (or year)											
CENSUS USE ONLY	A.	C	I	O	N	O	O				

If you listed more than  
7 persons in Question 1,  
please see note on page 20.

**NOW PLEASE ANSWER QUESTIONS H1–H12**

## **FOR YOUR HOUSEHOLD**

<b>H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</b>	
<input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No	
<b>H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</b>	
<input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No	
<b>H3. Is anyone visiting here who is not already listed?</b>	
<input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No	
<b>H4. How many living quarters, occupied and vacant, are at this address?</b>	
<input type="radio"/> One <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters <input type="radio"/> This is a mobile home or trailer	
<b>H5. Do you enter your living quarters —</b>	
<input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?	
<b>H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</b>	
<input type="radio"/> Yes, for this household only <input type="radio"/> Yes, but also used by another household <input type="radio"/> No, have some but not all plumbing facilities <input type="radio"/> No plumbing facilities in living quarters	
<b>H7. How many rooms do you have in your living quarters?</b> <i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i>	
<input type="radio"/> 1 room <input type="radio"/> 2 rooms <input type="radio"/> 3 rooms <input type="radio"/> 4 rooms <input type="radio"/> 5 rooms <input type="radio"/> 6 rooms <input type="radio"/> 7 rooms <input type="radio"/> 8 rooms <input type="radio"/> 9 or more rooms	
<b>H8. Are your living quarters —</b>	
<input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?	
<b>H9. Is this apartment (house) part of a condominium?</b>	
<input type="radio"/> No <input checked="" type="radio"/> Yes, a condominium	
<b>H10. If this is a one-family house —</b>	
<b>a. Is the house on a property of 10 or more acres?</b> <input type="radio"/> Yes <input checked="" type="checkbox"/> No	
<b>b. Is any part of the property used as a commercial establishment or medical office?</b> <input type="radio"/> Yes <input type="radio"/> No	
<b>H11. If you live in a one-family house or a condominium unit which you own or are buying —</b>	
What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?	
<i>Do not answer this question if this is —</i> <input checked="" type="checkbox"/> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A house on 10 or more acres</li> <li><input type="radio"/> A house with a commercial establishment or medical office on the property</li> </ul>	
<input type="radio"/> Less than \$10,000 <input type="radio"/> \$50,000 to \$54,999 <input type="radio"/> \$10,000 to \$14,999 <input type="radio"/> \$55,000 to \$59,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$60,000 to \$64,999 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$65,000 to \$69,999 <input type="radio"/> \$20,000 to \$22,499 <input type="radio"/> \$70,000 to \$74,999 <input type="radio"/> \$22,500 to \$24,999 <input checked="" type="checkbox"/> \$75,000 to \$79,999 <input type="radio"/> \$25,000 to \$27,499 <input type="radio"/> \$80,000 to \$89,999 <input type="radio"/> \$27,500 to \$29,999 <input type="radio"/> \$90,000 to \$99,999 <input type="radio"/> \$30,000 to \$34,999 <input type="radio"/> \$100,000 to \$124,999 <input type="radio"/> \$35,000 to \$39,999 <input type="radio"/> \$125,000 to \$149,999 <input type="radio"/> \$40,000 to \$44,999 <input type="radio"/> \$150,000 to \$199,999 <input type="radio"/> \$45,000 to \$49,999 <input type="radio"/> \$200,000 or more	
<b>H12. If you pay rent for your living quarters —</b>	
What is the monthly rent?	
If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.	
<input type="radio"/> Less than \$50 <input type="radio"/> \$160 to \$169 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$170 to \$179 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$180 to \$189 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$190 to \$199 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$200 to \$224 <input type="radio"/> \$90 to \$99 <input checked="" type="checkbox"/> \$225 to \$249 <input type="radio"/> \$100 to \$109 <input type="radio"/> \$250 to \$274 <input type="radio"/> \$110 to \$119 <input type="radio"/> \$275 to \$299 <input type="radio"/> \$120 to \$129 <input type="radio"/> \$300 to \$349 <input type="radio"/> \$130 to \$139 <input type="radio"/> \$350 to \$399 <input type="radio"/> \$140 to \$149 <input type="radio"/> \$400 to \$499 <input type="radio"/> \$150 to \$159 <input type="radio"/> \$500 or more	

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<u>A4.</u> Block number	<u>A6.</u> Serial number	<u>B.</u> Type of unit or quarters	<u>C.</u> For vacant units	<u>D.</u> Months vacant	<u>F.</u> Total persons
		<u>Occupied</u>	<u>C1.</u> Is this unit for —		
0 0 0	0 0 0 0	<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> Less than 1 month	0 0 0
1 1 1	1 1 1 1	<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig — <i>Skip C2, C3, and D.</i>	<input type="radio"/> 1 up to 2 months	1 1 1
2 2 2	2 2 2 2	<u>Vacant</u>	<u>C2. Vacancy status</u>	<input type="radio"/> 2 up to 6 months	2 2 2
3 3 3	3 3 3 3	<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 6 up to 12 months	3 3 3
4 4 4	4 4 4 4	<input type="radio"/> Usual home	<input type="radio"/> For sale only	<input type="radio"/> 1 year up to 2 years	4 4 4
		elsewhere	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> 2 or more years	
		<u>Group quarters</u>	<input type="radio"/> Held for occasional use		
		<input type="radio"/> First form	<input type="radio"/> Other vacant		
		<input type="radio"/> Continuation			
			<u>C3. Is this unit boarded up?</u>		
			<input type="radio"/> Yes <input type="radio"/> No	<u>E. Indicators</u>	
				<input type="radio"/> Mail return	5 5 5
				<input type="radio"/> Pop./F	6 6 6
				<input type="radio"/>	7 7 7
				<input type="radio"/>	8 8 8
				<input type="radio"/>	9 9 9

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

		ALSO ANSWER THESE QUESTIONS	
<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i>		<b>H21a. Which fuel is used most for house heating?</b>	
<input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. <input checked="" type="checkbox"/>		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i>		<b>b. Which fuel is used most for water heating?</b>	
<input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
<b>b. Is there a passenger elevator in this building?</b>		<b>c. Which fuel is used most for cooking?</b>	
<input type="radio"/> Yes <input type="radio"/> No		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
<b>H15a. Is this building —</b>		<b>H22. What are the costs of utilities and fuels for your living quarters?</b>	
<input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?		<b>a. Electricity</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <b>b. Gas</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <b>c. Water</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <b>d. Oil, coal, kerosene, wood, etc.</b> \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	
<b>H16. Do you get water from —</b>		<b>H23. Do you have complete kitchen facilities?</b> <i>Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</i>	
<input type="radio"/> A public system ( <i>city water department, etc.</i> ) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source ( <i>a spring, creek, river, cistern, etc.</i> )?		<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No	
<b>H17. Is this building connected to a public sewer?</b>		<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i>	
<input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means		<input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms	
<b>H18. About when was this building originally built?</b> <i>Mark when the building was first constructed, not when it was remodeled, added to, or converted.</i>		<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i>	
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 <input checked="" type="checkbox"/>		<i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms	
<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b>		<b>H26. Do you have a telephone in your living quarters?</b>	
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969		<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No <input checked="" type="checkbox"/>	
<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i>		<b>H27. Do you have air conditioning?</b>	
<input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <i>(Do not count electric heat pumps here)</i> <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units ( <i>permanently installed in wall, ceiling, or baseboard</i> ) <input checked="" type="checkbox"/>  <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene ( <i>not portable</i> ) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment		<input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No	
<b>H28. How many automobiles are kept at home for use by members of your household?</b>		<b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b>	
<input type="radio"/> None <input checked="" type="checkbox"/> <input type="radio"/> 2 automobiles <input checked="" type="checkbox"/> <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles		<input type="radio"/> None <input checked="" type="checkbox"/> <input type="radio"/> 2 vans or trucks <input checked="" type="checkbox"/> <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks	

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer .....
- A house on 10 or more acres .....
- A condominium unit .....
- A house with a commercial establishment or medical office on the property .....

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

Page 5

H30. What were the real estate taxes on this property last year?

\$ .00 OR  None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ .00 OR  None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ .00 OR  No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

### FOR CENSUS USE ONLY

(1)	2.	4.	(2)	2.	4.	(3)	2.	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
Yes	I I	I I I	Yes	I I	I I I	Yes	I I	I I I
	2 2 2	2 2 2		2 2 2	2 2 2		2 2 2	2 2 2
No	3 3	3 3 3	Yes	3 3	3 3 3	Yes	3 3	3 3 3
O	4 4	4 4 4	O	4 4	4 4 4	O	4 4	4 4 4
	5 5 5	5 5 5		5 5 5	5 5 5		5 5 5	5 5 5
No	6 6 6	6 6 6	No	6	6 6 6	No	6	6 6 6
O	7	7 7 7	O	7	7 7 7	O	7	7 7 7
	8 8 8	8 8 8	O	8	8 8 8	O	8	8 8 8
O	9 9 9	9 9 9	O	9	9 9 9	O	9	9 9 9
(4)	2.	4.	(5)	2.	4.	(6)	2.	4.
S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○	S.S.	○ ○	○ ○ ○
Yes	I I	I I I	Yes	I I	I I I	Yes	I I	I I I
	2 2 2	2 2 2		2 2 2	2 2 2		2 2 2	2 2 2
No	3 3	3 3 3	Yes	3 3	3 3 3	Yes	3 3	3 3 3
O	4 4	4 4 4	O	4 4	4 4 4	O	4 4	4 4 4
	5 5 5	5 5 5	O	5	5 5 5	O	5	5 5 5
No	6 6 6	6 6 6	No	6	6 6 6	No	6	6 6 6
O	7	7 7 7	O	7	7 7 7	O	7	7 7 7
	8 8 8	8 8 8	O	8	8 8 8	O	8	8 8 8
O	9 9 9	9 9 9	O	9	9 9 9	O	9	9 9 9
(7)	2.	4.	GQ	2.	H30.	H31.	2.	H32c.
S.S.	○ ○	○ ○ ○	GQ	○ ○	○ ○ ○ ○	H30.	○ ○	○ ○ ○ ○
Yes	I I	I I I		I I	I I I I	I I	I I	I I I I
	2 2 2	2 2 2		2 2 2	2 2 2 2		2 2 2	2 2 2 2
No	3 3	3 3 3		3 3	3 3 3 3		3 3 3	3 3 3 3
O	4 4	4 4 4		4 4	4 4 4 4		4 4 4	4 4 4 4
	5 5 5	5 5 5		5 5	5 5 5 5		5 5 5	5 5 5 5
No	6 6 6	6 6 6		6 6	6 6 6 6		6 6 6	6 6 6 6
O	7 7 7	7 7 7		7 7	7 7 7 7		7 7 7	7 7 7 7
	8 8 8	8 8 8		8 8	8 8 8 8		8 8 8	8 8 8 8
O	9 9 9	9 9 9		9 9	9 9 9 9		9 9 9	9 9 9 9

## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

Name of Person 1 on page 2:	Last name _____ First name _____ Middle initial _____
11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i>	
Name of State or foreign country, or Puerto Rico, Guam, etc.	
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents	
b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950	
13a. Does this person speak a language other than English at home? <input checked="" type="checkbox"/> Yes <input type="radio"/> No, only speaks English — Skip to 14	
b. What is this language?  <i>(For example — Chinese, Italian, Spanish, etc.)</i>	
c. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all	
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.  <i>(For example: Afro-Amér., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i>	
15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i> <input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input checked="" type="checkbox"/> No, different house	
b. Where did this person live five years ago (April 1, 1975)?  (1) State, foreign country. Puerto Rico, Guam, etc.: _____	
(2) County: _____	
(3) City, town, village, etc.: _____	
(4) Inside the incorporated (legal) limits of that city, town, village, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area	

ANSWER THESE QUESTIONS FOR											
22a. Did this person work at any time last week?											
<input type="radio"/> Yes — Fill this circle if this person worked full time or part time. <input checked="" type="checkbox"/> <i>(Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i>											<input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.
<i>Skip to 25</i>											
b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i>											
Hours _____											
23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i>											
a. Address (Number and street)											
<i>If street address is not known, enter the building name, shopping center, or other physical location description.</i>											
b. Name of city, town, village, borough, etc.											
c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area											
d. County											
e. State _____ f. ZIP Code _____											
24a. Last week, how long did it usually take this person to get from home to work (one way)?  Minutes _____											
b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i>											
<input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="checkbox"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify _____											
<i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i>											
FOR CENSUS USE ONLY											
Per. No.	11. <input checked="" type="checkbox"/>	13b. <input checked="" type="checkbox"/>	14. <input checked="" type="checkbox"/>	15b. <input checked="" type="checkbox"/>	23. <input checked="" type="checkbox"/>	VL	24a. <input checked="" type="checkbox"/>				
1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0				
2	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1				
3	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2				
4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3				
5	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4				
6	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5				
7	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6				
8	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7				
9	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8				
0	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9				

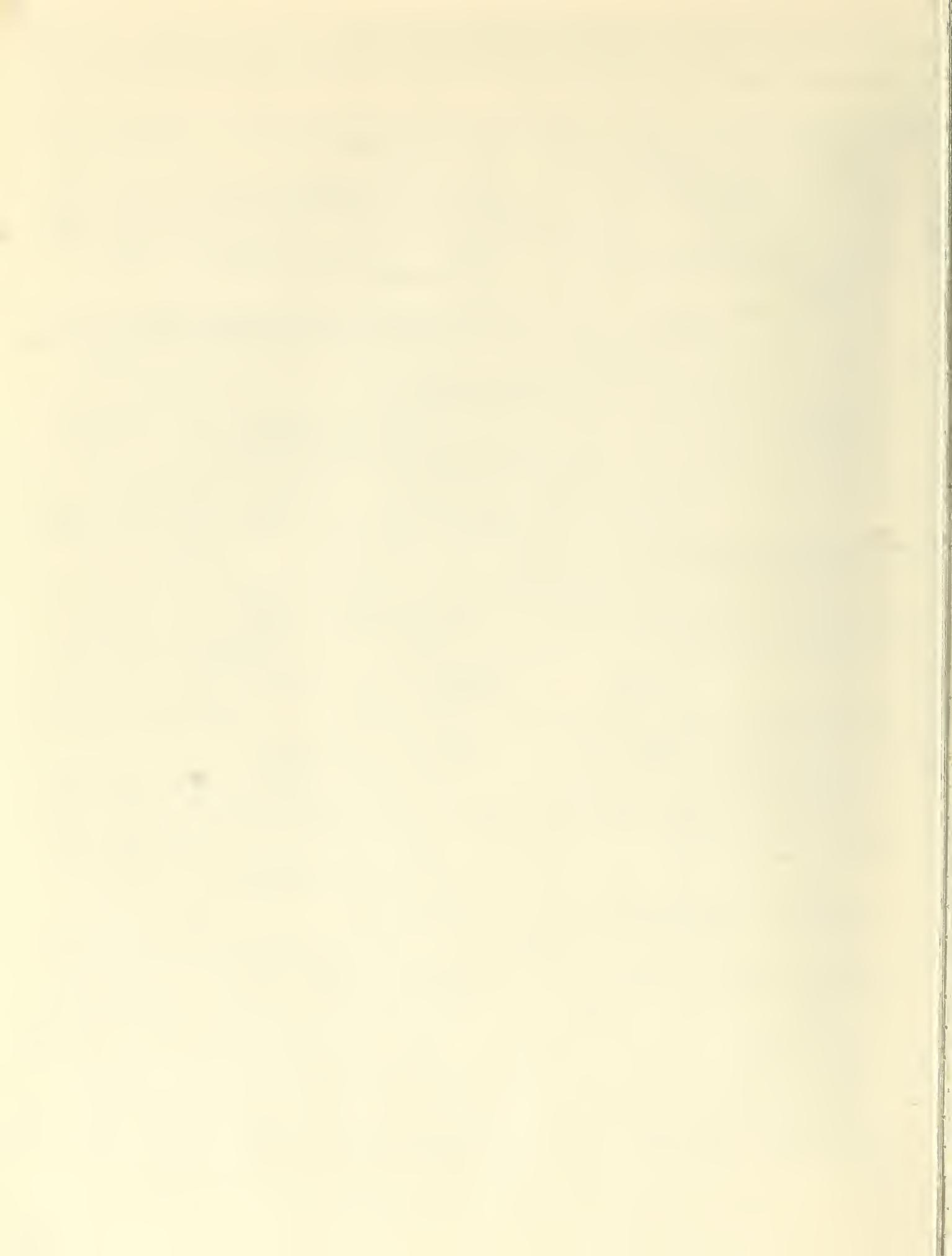
# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

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c. When going to work <u>last week</u> , did this person usually —		CENSUS USE 21b.	31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?		CENSUS USE ONLY 31b. 31c. 31d.
<input type="radio"/> Drive alone — <b>Skip to 28</b> <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only			<input type="radio"/> Yes <input checked="" type="checkbox"/> No — <b>Skip to 31d</b> <b>b. How many weeks did this person work in 1979?</b> <i>Count paid vacation, paid sick leave, and military service.</i>		
d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u> ?		22b.	Weeks		32a. <b>32b.</b>
<input type="radio"/> 2 <input checked="" type="checkbox"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more			<b>c. During the weeks worked in 1979, how many hours did this person usually work each week?</b> Hours		
After answering 24d, skip to 28.		28.	d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?		32c. <b>32d.</b>
25. Was this person temporarily absent or on layoff from a job or business <u>last week</u> ?			<input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No		
26a. Has this person been looking for work during the last 4 weeks?		A B C	32. Income in 1979 — <i>Fill circles and print dollar amounts.</i> <i>If net income was a loss, write "Loss" above the dollar amount.</i> <i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i>		32e. <b>32f.</b>
<input type="checkbox"/> Yes <input type="radio"/> No — <b>Skip to 27</b> <b>b. Could this person have taken a job <u>last week</u>?</b>			<input type="radio"/> No, already has a job <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons ( <i>in school, etc.</i> ) <input type="radio"/> Yes, could have taken a job		
27. When did this person last work, even for a few days?		D E F	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32g. <b>33.</b>
1980      1978      1970 to 1974 1979      1975 to 1977      1969 or earlier <b>Skip to 31d</b> Never worked			<b>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</b>		
28-30. Current or most recent job activity		G H J	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32h. <b>32i.</b>
<i>Describe clearly this person's chief job activity or business last week.</i> <i>If this person had more than one job, describe the one at which this person worked the most hours.</i> <i>If this person had no job or business last week, give information for last job or business since 1975.</i>			<b>c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</b>		
28. Industry		K L M	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32j. <b>32k.</b>
<b>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</b> <i>(Name of company, business, organization, or other employer)</i>			<b>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</b>		
b. What kind of business or industry was this?		N P Q	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32l. <b>32m.</b>
<i>Describe the activity at location where employed.</i> <i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i>			<b>e. Social Security or Railroad Retirement . . .</b>		
c. Is this mainly — (Fill one circle)		R S T	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32n. <b>32o.</b>
Manufacturing <input checked="" type="checkbox"/> Retail trade Wholesale trade      Other — ( <i>agriculture, construction, service, government, etc.</i> )			<b>f. Supplemental Security (SSI). Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</b>		
29. Occupation		U V W	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32p. <b>33.</b>
<b>a. What kind of work was this person doing?</b> <i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i>			<b>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</b> <i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i>		
b. What were this person's most important activities or duties?		X Y Z	Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32q. <b>33.</b>
<i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i>			<b>h. Total income in 1979 . . . Add entries in questions 32a through g; subtract any losses.</b>		
30. Was this person — (Fill one circle)		29.	\$ .00 <input type="radio"/> Yes → \$ .00 <input type="radio"/> No <i>(Annual amount — Dollars)</i>		32r. <b>33.</b>
Employee of private company, business, or individual, for wages, salary, or commissions Federal government employee State government employee Local government employee (city, county, etc.) Self-employed in own business, professional practice, or farm — Own business not incorporated Own business incorporated Working without pay in family business or farm .			<b>i. If total amount was a loss, write "Loss" above amount.</b>		

→ Please turn to the next page and answer the questions for Person 2 on page 2



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### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

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**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

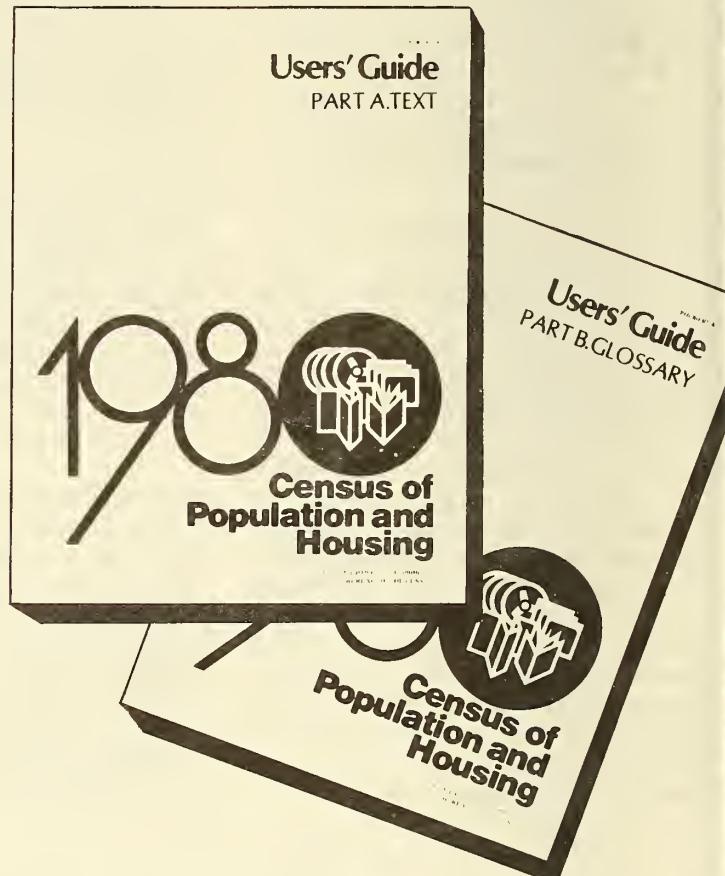
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
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- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
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